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NOV 23 2007  
DIV. OF OIL, GAS & MINING

November 19, 2007

Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

# 7-8-45 BTR  
Tribal Surface/Tribal Minerals  
SWNE, Section 8-T4S-R5W  
Duchesne County, Utah

Diana Mason, Permitting - Petroleum Technician:

Enclosed please find a copy of Bill Barrett Corporation's (BBC) application for permit to drill the above captioned well. Montgomery Archeological Consultants conducted a Class III archeological survey for this location on October 23, 2007, stating "no historic properties affected". EIS Environmental and Engineering Consulting conducted a "Threatened, Endangered, Candidate, and Sensitive Species Habitat Delineation Survey" on October 3, 2007. No endangered species were identified in this survey. The results of both surveys were previously sent in the package containing the APD for the # 14-7-46 BTR.

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sincerely,

A handwritten signature in black ink that reads "Reed Haddock".

Reed Haddock  
Permit Analyst

Enclosures

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

5. Lease Serial No.  
BIA-EDA-20G0005608

6. If Indian, Allottee or Tribe Name  
ute Indian Tribe

7. If Unit or CA Agreement, Name and No.  
N/A

8. Lease Name and Well No.  
# 7-8-45 BTR 55

9. API Well No.  
Pending 43-013-33820

1a. Type of work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator Bill Barrett Corporation

3a. Address 1099 18th Street, Suite 2300, Denver, CO  
80202

3b. Phone No. (include area code)  
(303) 312-8546

10. Field and Pool, or Exploratory  
Altamont

4. Location of Well (Report location clearly and in accordance with any State requirements\*)  
At surface SWNE, 2100 FNL' x 1652' FEL, Sec. 8, T4S, R5W 40.14 9081  
At proposed prod. zone Same 545148X 4444228Y - 110.46 9946

11. Sec., T. R. M. or Blk. and Survey or Area  
Sec. 8, T4S, R5W U.S.B.&M.

14. Distance in miles and direction from nearest town or post office\*  
Approximately 6.1 miles southwest of Duchesne, UT

12. County or Parish  
Duchesne

13. State  
UT

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)  
1652' SHL

16. No. of acres in lease  
N/A

17. Spacing Unit dedicated to this well  
640

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.  
1,700' abandon well

19. Proposed Depth  
9,867'

20. BLM/BIA Bond No. on file  
Nationwide Bond # WYB000040

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6143' Ungraded Ground

22. Approximate date work will start\*  
03/01/2008

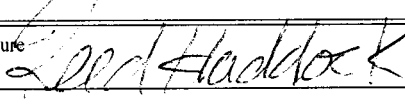
23. Estimated duration  
45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature 

Name (Printed/Typed)  
Reed Haddock

Date  
11/19/2007

Title  
Permit Analyst

Approved by (Signature) 

Name (Printed/Typed)  
BRADLEY G. HILL  
Office ENVIRONMENTAL MANAGER

Date  
12-06-07

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

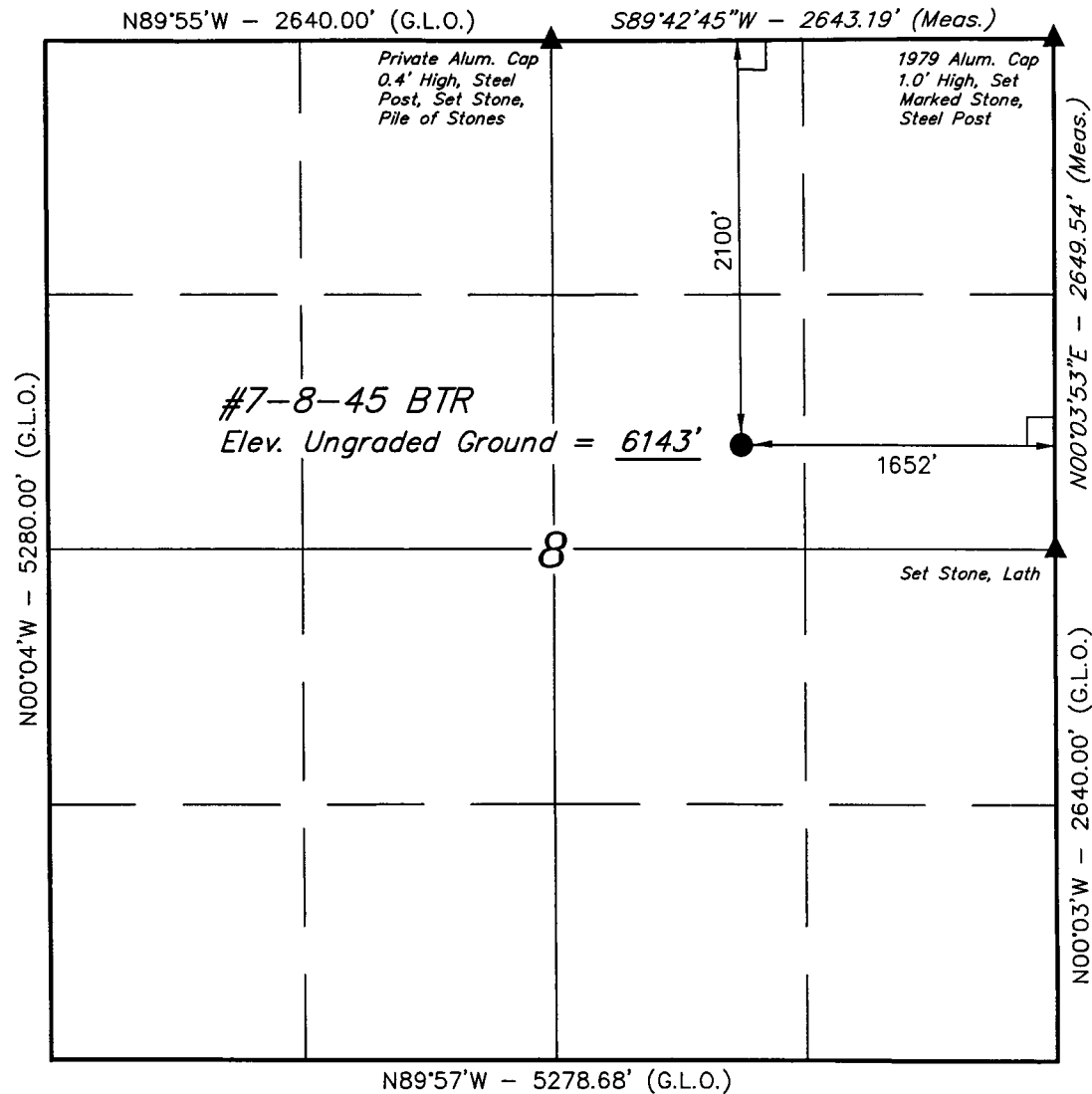
(Continued on page 2)

\*(Instructions on page 2)

Federal Approval of this  
Action is Necessary

RECEIVED  
NOV 23 2007  
DIV. OF OIL, GAS & MINING

T4S, R5W, U.S.B.&M.



**LEGEND:**

- └ = 90° SYMBOL  
 ● = PROPOSED WELL HEAD.  
 ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°08'56.69" (40.149081)  
 LONGITUDE = 110°28'14.07" (110.470575)  
 (NAD 27)  
 LATITUDE = 40°08'56.84" (40.149122)  
 LONGITUDE = 110°28'11.51" (110.469864)

**BILL BARRETT CORPORATION**

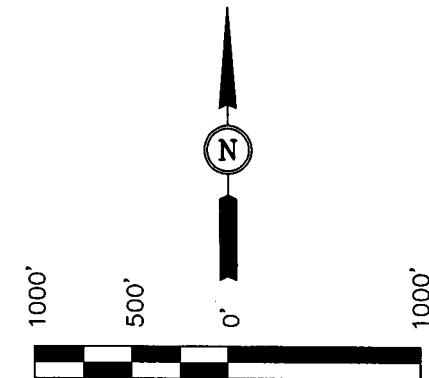
Well location, #7-8-45 BTR, located as shown in the SW 1/4 NE 1/4 of Section 8, T4S, R5W, U.S.B.&M., Duchesne County, Utah.

**BASIS OF ELEVATION**

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

**BASIS OF BEARINGS**

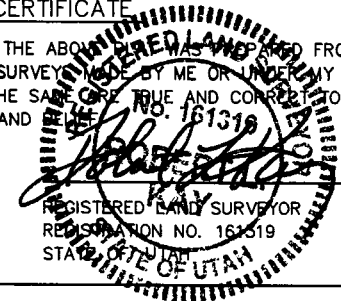
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-03-07	DATE DRAWN: 10-22-07
PARTY D.R. M.M. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

Bill Barrett Corporation  
Drilling Program  
# 7-8-45 BTR  
Duchesne County, Utah

**HAZARDOUS MATERIAL DECLARATION**

WELL NO. # 7-8-45 BTR - LEASE NO. BIA-EDA-2OG0005608

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.



Bill Barrett Corporation  
Drilling Program  
# 7-8-45 BTR  
Duchesne County, Utah

## **DRILLING PLAN**

BILL BARRETT CORPORATION  
# 7-8-45 BTR

SHL: SWNE, 2100' FNL & 1652' FEL, Section 8-T4S-R5W  
BHL: SWNE, 2100' FNL & 1652' FEL, Section 8-T4S-R5W  
Surface Owner: Ute Indian Tribe  
Duchesne County, Utah

BBC intends to drill this well according to the "Planned" program outlined below. Should hole conditions dictate (either by lost circulation and/or increased pore pressure) BBC requests approval with this permit to implement the "Contingency" program also outlined below. It is expected that this decision will be made once the Wasatch formation has been penetrated. BBC will inform the authorized officer upon implementing the "contingency" plan.

1 - 3. **Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<b><u>Formation</u></b>	<b><u>Depth - MD</u></b>
Duchesne River/Uinta	Surface
Green River	4,783'
Douglas Creek	5,648'
Black Shale	6,505'
Wasatch	7,273' *
North Horn	9,242' *
TD	9,867'

\*PROSPECTIVE PAY

The Wasatch and the North Horn are primary objectives for oil/gas.

4. **Casing Program**

**A) Planned Program**

<b><u>Hole Size</u></b>	<b><u>SETTING DEPTH</u></b>		<b><u>Casing Size</u></b>	<b><u>Casing Weight</u></b>	<b><u>Casing Grade</u></b>	<b><u>Thread</u></b>	<b><u>Condition</u></b>
	<b><u>(FROM)</u></b>	<b><u>(TO)</u></b>					
14 3/4"	surface	1,000'	10 3/4"	45.5#	J or K 55	ST&C	New
9 7/8"	surface	TD	5 1/2"	17#	P-110	LT&C	New

**B) Contingency Program**

<b><u>Hole Size</u></b>	<b><u>SETTING DEPTH</u></b>		<b><u>Casing Size</u></b>	<b><u>Casing Weight</u></b>	<b><u>Casing Grade</u></b>	<b><u>Thread</u></b>	<b><u>Condition</u></b>
	<b><u>(FROM)</u></b>	<b><u>(TO)</u></b>					
14 3/4"	Surface	1,000'	10 3/4"	45.5#	J or K 55	ST&C	New
9 7/8"	surface	7,373'	7 5/8"	26.4#	P-110	LT&C	New
6 3/4"	7,373'	TD	5 1/2"	17#	P-110	Flush	New

Bill Barrett Corporation  
Drilling Program  
# 7-8-45 BTR  
Duchesne County, Utah

5. **Cementing Program**

**A) Planned Program**

10 3/4" Surface Casing	Approximately 280 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft <sup>3</sup> /sx) circulated to surface with 100% excess. Approximately 430 sx Halliburton Premium Plus cement with additives mixed at 15.8 ppg (yield = 1.15 ft <sup>3</sup> /sx).
5 1/2" Production Casing	Approximately 530 sx Halliburton Hi-Fill Modified cement with additives mixed at 11.0 ppg (yield = 3.84 ft <sup>3</sup> /sx). Approximately 1060 sx Halliburton 50/50 Poz. Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 1,000'.

**B) Contingency Program**

10 3/4" Surface Casing	Approximately 280 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft <sup>3</sup> /sx) circulated to surface with 100% excess. Approximately 430 sx Halliburton Premium Plus cement with additives mixed at 15.8 ppg (yield = 1.15 ft <sup>3</sup> /sx).
7 5/8" Intermediate Casing	Approximately 310 sx Halliburton Hi-Fill Modified cement with additives mixed at 11.0 ppg (yield = 3.84 ft <sup>3</sup> /sx). Approximately 230 sx Halliburton 50/50 Poz. Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 1,000'.
5 1/2" Production Liner	Approximately 230 sx Halliburton 50/50 Poz Premium cement with additives mixed at 14.1 ppg (yield = 1.24 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 6,873'.

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
40' – 1,000'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,000' – TD	8.6 – 10.6	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. **BOP and Pressure Containment Data**

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,000'	No pressure control required
1,000' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	

Bill Barrett Corporation  
 Drilling Program  
 # 7-8-45 BTR  
 Duchesne County, Utah

- Ancillary and choke manifold to be rated @ 3000 psi;
- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.

**8. Auxiliary Equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

**9. Testing, Logging and Core Programs**

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.

**10. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5438 psi\* and maximum anticipated surface pressure equals approximately 3267 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

\*\*Maximum surface pressure = A - (0.22 x TD)

**11. Location and Type of Water Supply**

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

**12. Drilling Schedule**

Location Construction: Approximately March 1, 2008  
 Spud: Approximately March 21, 2008  
 Duration: 30 days drilling time  
 45 days completion time

### **PLANNED PROGRAM**

BBC intends to drill this well according to the "Planned" program outlined below. Should hole conditions dictate (either by lost circulation and/or increased pore pressure) BBC requests approval with this permit to implement the "Contingency" program also outlined below. It is expected that this decision will be made once the Wasatch formation has been penetrated. BBC will inform the authorized officer upon implementing the "alternate" plan.

## 7-8-45 BTR Proposed Cementing Program

<u>Job Recommendation</u>		<u>Surface Casing</u>	
<b>Lead Cement - (500' - 0')</b>			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
1.0% Calcium Chloride	Slurry Yield:	1.85	ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	<b>Proposed Sacks:</b>	<b>280</b>	<b>sks</b>
<b>Tail Cement - (TD - 500')</b>			
Premium Cement	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	4.97	Gal/sk
	Top of Fluid:	500'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	<b>Proposed Sacks:</b>	<b>430</b>	<b>sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>		
<b>Lead Cement - (6005' - 1000')</b>			
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal
16.0% Bentonite	Slurry Yield:	3.84	ft <sup>3</sup> /sk
0.75% Econolite	Total Mixing Fluid:	23.38	Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid:	1,000'	
3.0 lbm/sk Granulite TR	Calculated Fill:	5,005'	
3.0% Salt	Volume:	359.72	bbl
0.8% HR-7	<b>Proposed Sacks:</b>	<b>530</b>	<b>sks</b>
<b>Tail Cement - (9867' - 6005')</b>			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
0.75% Halad ®-322	Slurry Yield:	1.49	ft <sup>3</sup> /sk
0.2% FWCA	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite	Top of Fluid:	6,005'	
0.125 lbm/sk Poly-E-Flake	Calculated Fill:	3,862'	
1.0 lbm/sk Granulite TR 1/4	Volume:	277.60	bbl
0.2% HR-5	<b>Proposed Sacks:</b>	<b>1060</b>	<b>sks</b>



**Bill Barrett Corporation E-bill  
1099 18th Street - Suite 2300  
Denver, Colorado 80202**

**BTR General**

**Duchesne County, Utah  
United States of America  
T:3S R:6W**

## **Surface and Production Casing Cementing Proposal**

Prepared for: Dominic Spencer  
April 26, 2007  
Version: 1

Submitted by:  
Pat Kundert  
Halliburton Energy Services  
410 Seventeenth St  
Denver, Colorado 80202  
+303.886.0839

**HALLIBURTON**

# HALLIBURTON

## Job Recommendation

## Surface Casing

### Fluid Instructions

Fluid 1: Water Based Spacer

Fresh Water with Gel

25 lbm/bbl Poly-E-Flake (Lost Circulation Additive)  
10 lbm/bbl Bentonite (Viscosifier)

Fluid Density: 8.50 lbm/gal  
Fluid Volume: 20 bbl

Fluid 2: Lead Cement - (500 - 0')

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight: 12.70 lbm/gal  
Slurry Yield: 1.85 ft<sup>3</sup>/sk  
Total Mixing Fluid: 9.90 Gal/sk  
Top of Fluid: 0 ft  
Calculated Fill: 500 ft  
Volume: 86.70 bbl  
Calculated Sacks: 263.13 sks  
Proposed Sacks: 270 sks

Fluid 3: Tail Cement - (TD - 500')

Premium Cement

94 lbm/sk Premium Cement (Cement)  
2 % Calcium Chloride (Accelerator)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight: 15.80 lbm/gal  
Slurry Yield: 1.15 ft<sup>3</sup>/sk  
Total Mixing Fluid: 4.97 Gal/sk  
Top of Fluid: 500 ft  
Calculated Fill: 500 ft  
Volume: 90.93 bbl  
Calculated Sacks: 443.95 sks  
Proposed Sacks: 450 sks

Fluid 4: Top Out Cement - If Needed

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)  
2 % Calcium Chloride (Accelerator)

Fluid Weight: 15.60 lbm/gal  
Slurry Yield: 1.18 ft<sup>3</sup>/sk  
Total Mixing Fluid: 5.20 Gal/sk  
Proposed Sacks: 200 sks

# HALLIBURTON

## Job Recommendation

## Production Casing Cementing

### Fluid Instructions

Fluid 1: Water Spacer  
Fresh Water

Fluid Density: 8.34 lbm/gal  
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer  
Super Flush

Fluid Density: 9.20 lbm/gal  
Fluid Volume: 20 bbl

Fluid 3: Water Spacer  
Fresh Water

Fluid Density: 8.34 lbm/gal  
Fluid Volume: 10 bbl

Fluid 4: Lead Cement -- (6835 - 1000')

Halliburton Hi-Fill Modified

94 lbm/sk Premium Cement (Cement)  
16 % Bentonite (Light Weight Additive)  
0.75 % Econolite (Light Weight Additive)  
5 lbm/sk Gilsontite (Lost Circulation Additive)  
0.25 lbm/sk Flocele (Lost Circulation Additive)  
3 % Salt (Salt)  
0.8 % HR-7 (Retarder)  
3 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 11 lbm/gal  
Slurry Yield: 3.84 ft<sup>3</sup>/sk  
Total Mixing Fluid: 23.38 Gal/sk  
Top of Fluid: 1000 ft  
Calculated Fill: 5835 ft  
Volume: 419.41 bbl  
Calculated Sacks: 612.59 sks  
Proposed Sacks: 620 sks

Fluid 5: Primary Cement -- (TD - 6835')

50/50 Poz Premium

2 % Bentonite (Light Weight Additive)  
3 % KCL (Clay Control)  
0.75 % Halad(R)-322 (Low Fluid Loss Control)  
0.2 % FWCA (Free Water Control)  
3 lbm/sk Silicalite Compacted (Light Weight Additive)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)  
1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)  
0.2 % HR-5 (Retarder)

Fluid Weight 13.40 lbm/gal  
Slurry Yield: 1.49 ft<sup>3</sup>/sk  
Total Mixing Fluid: 7.06 Gal/sk  
Top of Fluid: 6835 ft  
Calculated Fill: 4295 ft  
Volume: 309.74 bbl  
Calculated Sacks: 1167.15 sks  
Proposed Sacks: 1170 sks



Well name:

**BTR General Preferred**

Operator: Bill Barrett Corporation

String type: Surface

Location:

TCS-R6A/

**Design parameters:**Collapse

Mud weight: 8.40 ppg

Design is based on evacuated pipe.

**Minimum design factors:**Collapse:

Design factor 1.125

**Environment:**

H2S considered?

No

Surface temperature:

70.00 °F

Bottom hole temperature:

82 °F

Temperature gradient:

1.22 °F/100ft

Minimum section length:

1,000 ft

Burst:

Design factor 1.00

Cement top:

Surface

Burst

Max anticipated surface

pressure: 2,564 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 3,784 psi

Annular backup: 8.34 ppg

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Tension is based on buoyed weight.

Neutral point: 875 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 11,130 ft

Next mud weight: 10.400 ppg

Next setting BHP: 6,013 psi

Fracture mud wt: 14.000 ppg

Fracture depth: 7,500 ft

Injection pressure 5,455 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	10.75	45.50	J-55	ST&C	1000	1000	9.825	90.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	436	2090	4.790	3564	3580	1.00	40	493	12.38 J

Prepared Dominic Spencer  
by: Bill BarrettPhone: (303) 312-8164  
FAX: (303) 312-8195Date: April 18, 2007  
Denver, Colorado**Remarks:**

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name: Operator: <b>Bill Barrett Corporation</b> String type: <b>Production</b> Location: <b>T3S-R6W</b>	<b>BTR General_Preferred</b>
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<b>Design parameters:</b> <u>Collapse</u> Mud weight: 10.40 ppg  Design is based on evacuated pipe.	<b>Minimum design factors:</b> <u>Collapse:</u> Design factor 1.125  <u>Burst:</u> Design factor 1.00  <u>Tension:</u> 8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.80 (J) Premium: 1.80 (J) Body yield: 1.80 (B)	<b>Environment:</b> H2S considered? No Surface temperature: 70.00 °F Bottom hole temperature: 206 °F Temperature gradient: 1.22 °F/100ft Minimum section length: 1,500 ft  Cement top: 1,000 ft  Non-directional string.
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**Burst**  
 Max anticipated surface pressure: 3.564 psi  
 Internal gradient: 0.22 psi/ft  
 Calculated BHP: 6,013 psi  
  
 No backup mud specified.

Tension is based on buoyed weight.  
 Neutral point: 9,375 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert. Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11130	5.5	17.00	P-110	LT&C	11130	11130	4.767	383.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6013	7480	1.244	6013	10640	1.77	159	445	2.79 J

Prepared Dominic Spencer  
 by: Bill Barrett

Phone: (303) 312-8164  
 FAX: (303) 312-8195

Date: April 18, 2007  
 Denver, Colorado

**Remarks:**  
 Collapse is based on a vertical depth of 11130 ft. a mud weight of 10.4 ppg The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kernier method of biaxial correction for tension.  
  
 Burst strength is not adjusted for tension.

## **CONTINGENCY PROGRAM**

## 7-8-45 BTR Alternate Cementing Program

<u>Job Recommendation</u>		<u>Surface Casing</u>	
<b>Lead Cement - (500' - 0')</b>			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
1.0% Calcium Chloride	Slurry Yield:	1.85	ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	<b>Proposed Sacks:</b>	<b>280</b>	<b>sks</b>
<b>Tail Cement - (TD - 500')</b>			
Premium Cement	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	4.97	Gal/sk
	Top of Fluid:	500'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	<b>Proposed Sacks:</b>	<b>430</b>	<b>sks</b>

<u>Job Recommendation</u>	<u>Intermediate Casing</u>		
<b>Lead Cement - (6005' - 1000')</b>			
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal
16.0% Bentonite	Slurry Yield:	3.84	ft <sup>3</sup> /sk
0.75% Econolite	Total Mixing Fluid:	23.38	Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid:	1,000'	
3.0 lbm/sk Granulite TR	Calculated Fill:	5,005'	
3.0% Salt	Volume:	210.57	bbl
0.8% HR-7	<b>Proposed Sacks:</b>	<b>310</b>	<b>sks</b>
<b>Tail Cement - (7373' - 6005')</b>			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
0.75% Halad ®-322	Slurry Yield:	1.49	ft <sup>3</sup> /sk
0.2% FWCA	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite	Top of Fluid:	6,005'	
0.125 lbm/sk Poly-E-Flake	Calculated Fill:	1,368'	
1.0 lbm/sk Granulite TR 1/4	Volume:	57.56	bbl
0.2% HR-5	<b>Proposed Sacks:</b>	<b>230</b>	<b>sks</b>

<u>Job Recommendation</u>		<u>Production Casing</u>	
<b>Lead Cement - (9867' - 6873')</b>			
50/50 Poz Premium	Fluid Weight:	14.1	lbm/gal
0.4% Halad®-344	Slurry Yield:	1.24	ft <sup>3</sup> /sk
0.3% CFR-3	Total Mixing Fluid:	5.53	Gal/sk
0.3% HR-5	Top of Fluid:	6,873'	
	Calculated Fill:	2,994'	
	Volume:	48.99	bbl
	<b>Proposed Sacks:</b>	<b>230</b>	<b>sks</b>



**Bill Barrett Corporation E-bill  
1099 18th Street - Suite 2300  
Denver, Colorado 80202**

**BTR  
Duchesne County, Utah  
United States of America**

## **Alternate Cementing Proposal**

Prepared for: Dominic Spencer  
May 2, 2007  
Version: 2

Submitted by:  
Pat Kundert  
Halliburton Energy Services  
1125 17th Street - Suite 1900  
Denver, Colorado 80202  
+303.886.0839

**HALLIBURTON**

# HALLIBURTON

## Job Recommendation

## Surface Casing

### Fluid Instructions

Fluid 1: Water Based Spacer

Fresh Water with Gel

25 lbm/bbl Poly-E-Flake (Lost Circulation Additive)  
10 lbm/bbl Bentonite (Viscosifier)

Fluid Density: 8.50 lbm/gal  
Fluid Volume: 20 bbl

Fluid 2: Lead Cement - (500 - 0')

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12.70 lbm/gal  
Slurry Yield: 1.85 ft<sup>3</sup>/sk  
Total Mixing Fluid: 9.90 Gal/sk  
Top of Fluid: 0 ft  
Calculated Fill: 500 ft  
Volume: 86.70 bbl  
Calculated Sacks: 263.13 sks  
Proposed Sacks: 270 sks

Fluid 3: Tail Cement - (TD - 500')

Premium Cement

94 lbm/sk Premium Cement (Cement)  
2 % Calcium Chloride (Accelerator)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 15.80 lbm/gal  
Slurry Yield: 1.15 ft<sup>3</sup>/sk  
Total Mixing Fluid: 4.97 Gal/sk  
Top of Fluid: 500 ft  
Calculated Fill: 500 ft  
Volume: 90.93 bbl  
Calculated Sacks: 443.95 sks  
Proposed Sacks: 450 sks

Fluid 4: Top Out Cement - If Needed

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)  
2 % Calcium Chloride (Accelerator)

Fluid Weight 15.60 lbm/gal  
Slurry Yield: 1.18 ft<sup>3</sup>/sk  
Total Mixing Fluid: 5.20 Gal/sk  
Proposed Sacks: 200 sks

# HALLIBURTON

## Job Recommendation

## Intermediate Casing Cementing

### Fluid Instructions

Fluid 1: Water Spacer  
Fresh Water

Fluid Density: 8.34 lbm/gal  
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer  
Super Flush

Fluid Density: 9.20 lbm/gal  
Fluid Volume: 20 bbl

Fluid 3: Water Spacer  
Fresh Water

Fluid Density: 8.34 lbm/gal  
Fluid Volume: 10 bbl

Fluid 4: Lead Cement  
Halliburton Hi-Fill

94 lbm/sk Premium Cement (Cement)  
16 % Bentonite (Light Weight Additive)  
0.75 % Econolite (Light Weight Additive)  
5 lbm/sk Gilsonite (Lost Circulation Additive)  
0.25 lbm/sk Flocele (Lost Circulation Additive)  
3 % Salt (Salt)  
0.8 % HR-7 (Retarder)  
3 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 11 lbm/gal  
Slurry Yield: 3.84 ft<sup>3</sup>/sk  
Total Mixing Fluid: 23.38 Gal/sk  
Top of Fluid: 1000 ft  
Calculated Fill: 5835 ft  
Volume: 245.51 bbl  
Calculated Sacks: 258.59 sks  
Proposed Sacks: 360 sks

Fluid 5: Primary Cement  
50/50 Poz Premium

2 % Bentonite (Light Weight Additive)  
3 % KCL (Clay Control)  
0.75 % Halad(R)-322 (Low Fluid Loss Control)  
0.2 % FWCA (Free Water Control)  
3 lbm/sk Silicalite Compacted (Light Weight Additive)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)  
1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 13.40 lbm/gal  
Slurry Yield: 1.49 ft<sup>3</sup>/sk  
Total Mixing Fluid: 7.06 Gal/sk  
Top of Fluid: 6835 ft  
Calculated Fill: 1165 ft  
Volume: 49.02 bbl  
Calculated Sacks: 184.71 sks  
Proposed Sacks: 190 sks



# HALLIBURTON

---

## Job Recommendation

## Liner Casing

---

### Fluid Instructions

Fluid 1: Water Based Spacer

MUD FLUSH

Fluid Density: 8.40 lbm/gal

Fluid Volume: 20 bbl

### Fluid 2: Primary Cement

50/50 Poz Premium, 2% gel standard

0.4 % Halad(R)-344 (Low Fluid Loss Control)

0.3 % CFR-3 (Dispersant)

0.3 % HR-5 (Retarder)

Fluid Weight 14.10 lbm/gal

Slurry Yield: 1.24 ft<sup>3</sup>/sk

Total Mixing Fluid: 5.53 Gal/sk

Top of Fluid: 7300 ft

Calculated Fill: 3830 ft

Volume: 65.61 bbl

Calculated Sacks: 297.09 sks

Proposed Sacks: 300 sks

Well name:	<b>BTR General Contingency</b>
Operator:	<b>Bill Barrett Corporation</b>
String type:	<b>Intermediate</b>
Location:	<b>T3S-R6W</b>

**Design parameters:**

**Collapse**

Mud weight: 9.40 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered?

No

Surface temperature:

70.00 °F

Bottom hole temperature:

168 °F

Temperature gradient:

1.22 °F/100ft

Minimum section length:

1,000 ft

Cement top:

1,000 ft

**Burst**

Max anticipated surface

pressure:

3,564 psi

Internal gradient:

0.22 psi/ft

Calculated BHP

5,324 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Butress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Tension is based on buoyed weight.

Neutral point: 6,887 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 11,130 ft

Next mud weight: 10.400 ppg

Next setting BHP: 6,013 psi

Fracture mud wt: 14.000 ppg

Fracture depth: 8,000 ft

Injection pressure: 5,818 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8000	7.625	26.40	P-110	LT&C	8000	8000	6.844	417.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3906	3920	1.003	5324	8280	1.56	182	654	3.60 J

Prepared Dominic Spencer  
by: Bill Barrett

Phone: (303) 312-8164  
FAX: (303) 312-8195

Date: April 18, 2007  
Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 8000 ft, a mud weight of 9.4 ppg. The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemmer method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	<b>BTR General Contingency</b>
Operator:	<b>Bill Barrett Corporation</b>
String type:	<b>Production Liner</b>
Location:	<b>T3S-R6W</b>

**Design parameters:**

**Collapse**

Mud weight: 10.40 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 70.00 °F

Bottom hole temperature 206 °F

Temperature gradient: 1.22 °F/100ft

Minimum section length: 1,500 ft

Cement top: 7,500 ft

**Burst**

Max anticipated surface pressure:

3,564 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 6,013 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 9,375 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11130	5.5	17.00	P-110	lush Seal-Lo	11130	11130	4.767	383.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6013	7480	1.244	6013	10640	1.77	159	406	2.55 J

Prepared Dominic Spencer  
by: Bill Barrett

Phone: (303) 312-8164  
FAX: (303) 312-8195

Date: April 18, 2007  
Denver, Colorado

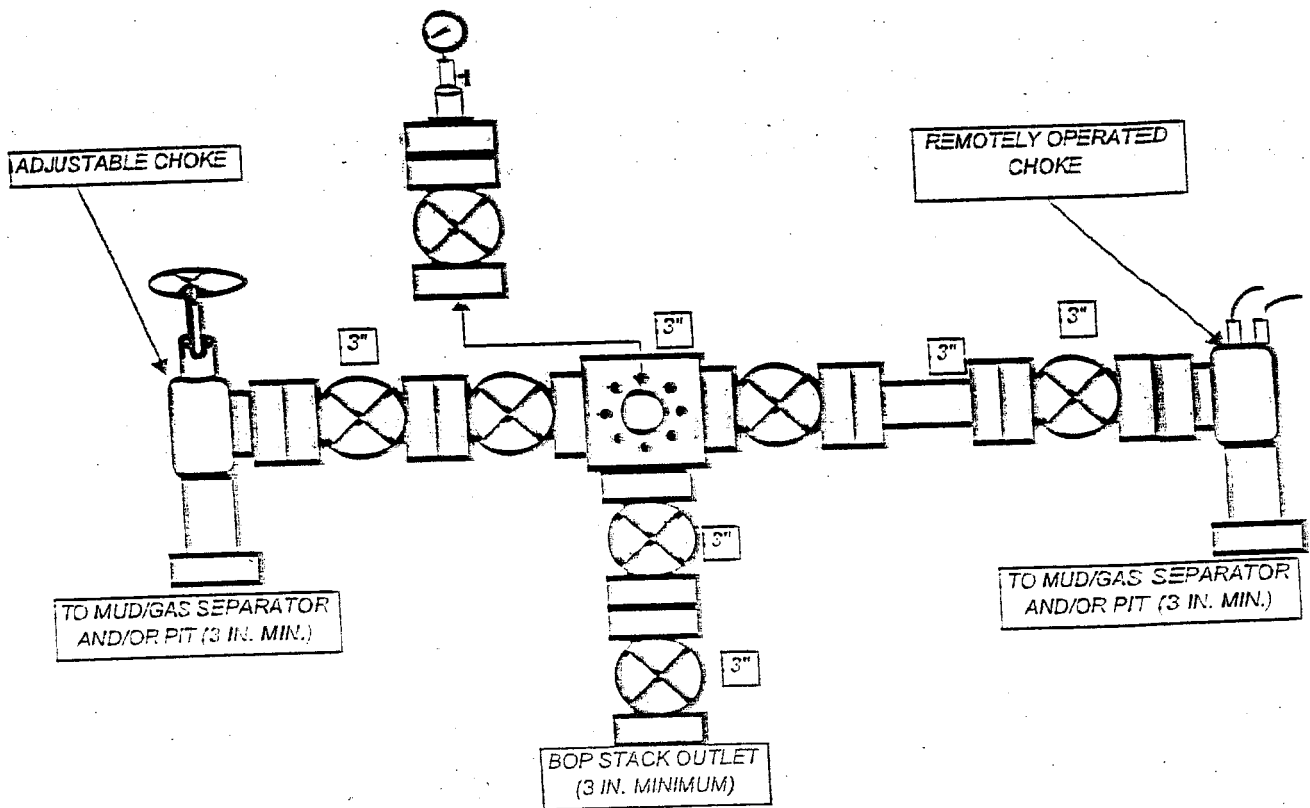
**Remarks:**

Collapse is based on a vertical depth of 11130 ft, a mud weight of 10.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

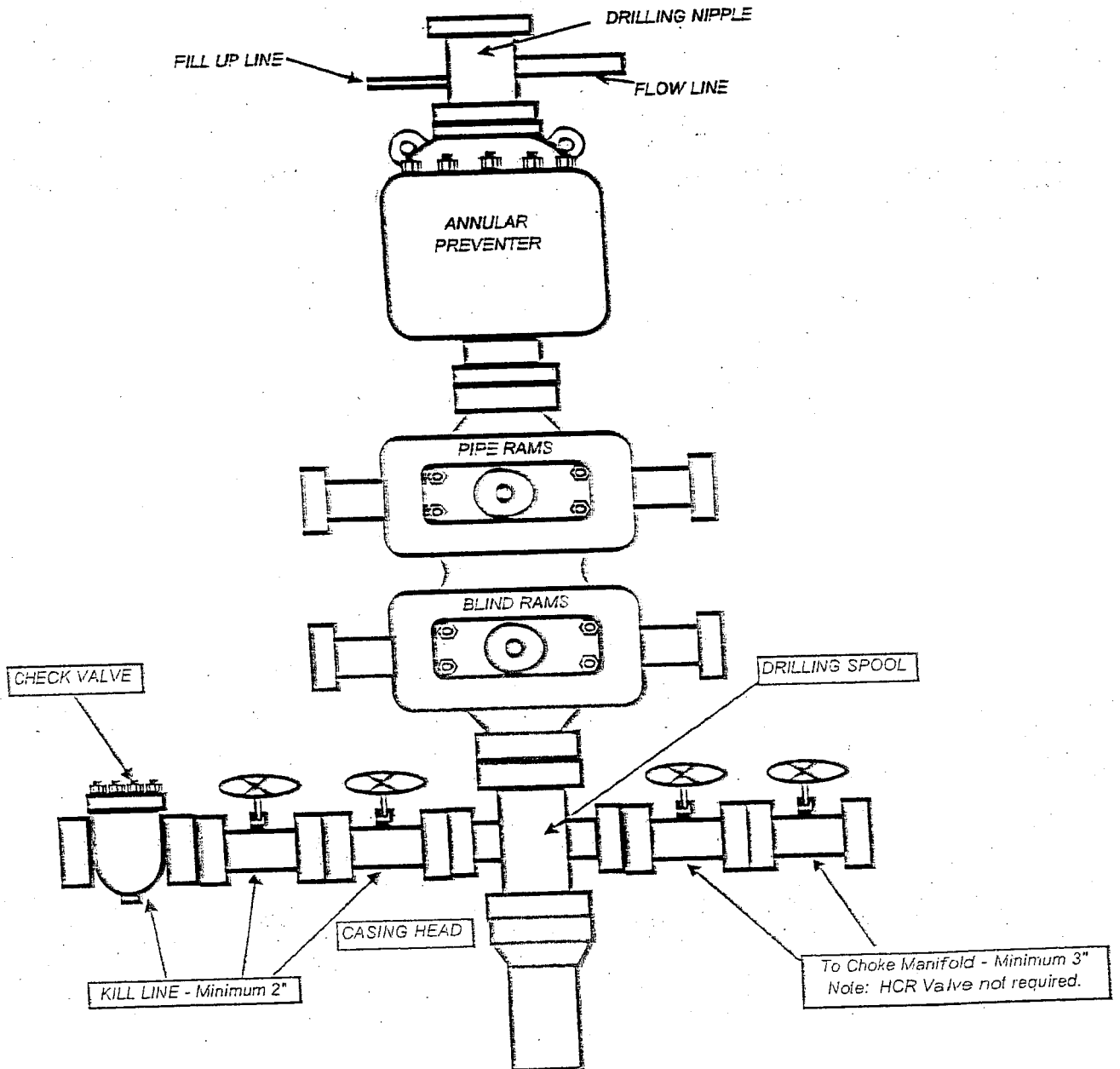
# BILL BARRETT CORPORATION

## TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



# BILL BARRETT CORPORATION

## TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



**Surface Use Plan for  
Bill Barrett Corporation's  
Development Program  
Black Tail Ridge Area  
Duchesne County, Utah**

**1. Existing Roads:**

The Black Tail Ridge Areas are located approximately 12 miles Southwest of Duchesne, Utah and extend from Township 3 South, Range 5 West, Range 6 West, and Range 7 West and the North ½ of Township 4 South, Range 5 West, Range 6 West, and Range 7 West. The specific location of a particular well pad will be shown on maps and described in the site specific APD.

The use of state and county roads under UDOT and Duchesne County Road Department maintenance is necessary to access the Project Area. Improvements to existing access roads will be noted in the site specific APD's.

**2. Planned Access Roads:**

Descriptions of the individual access road(s) will be included in the site specific APD and ROW application.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance with the UDWR.

**3. Location of Existing Wells With-In A One-Mile Radius**

Water wells – None.

Abandoned wells – None.

Temporarily abandoned wells – None.

Disposal wells – None.

Drilling wells – None.

Producing wells – (1) – NW1/4, SE1/4, Section 7, T4S, R6W.

**4. Location of Tank Batteries, Production Facilities, and Production Gathering And Service Lines:**

The following guidelines will apply if the well is productive:

All permanent (on site for six months or longer) structures constructed or installed will conform to DOGM standards. All facilities will be painted within six months of installation.

A containment dike will be constructed completely around production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, and hold a minimum of 110% of the capacity of the largest tank. Topsoil will not be used for the construction of dike(s).

A description of the proposed pipeline and a map illustrating the proposed route will be submitted with the well site specific APD.

**5. Location and Type of Water Supply**

The Duchesne City Culinary Water Dock located in section 1, T4S-R5W will be used for water supply for drilling and completion operations. Additional water supply sources will be addressed in the site specific APD, indicating the location and type of water supply.

**6. Source of Construction Materials:**

All construction materials for this location site and access road shall be borrowed (local) material accumulated during construction of the location site and access road. No construction materials will be removed from UDWR lands. If any gravel is used, it will be obtained from an approved gravel pit.

**7. Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including any salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed.

Unless otherwise specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not allow discharge of liquids.

If it is determined, at the onsite, that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12-millimeters thick. The liner will overlay a felt-liner pad if rock that might tear or puncture the liner is encountered during excavation. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash, scrap pipe, etc. that could puncture the liner will not be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at

all times during the drilling and completion operations. The pit liner will be protected during drilling and completion operations.

No water well will be drill on this lease. Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W. The trucked water will follow the access route described in the plat package of each APD. Production fluids will be contained in leak-proof tanks. All production fluids will be sold, recycled, or disposed of at approved disposal sites.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical self-contained sanitary-toilet will be onsite during drilling and completions.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The reserve pit fencing will be on three sides before drilling operations start. The fourth side will be fenced as soon as drilling is completed and the rig is removed. The fencing will be maintained until such time as the pits are backfilled.

**8. Ancillary Facilities:**

Garbage containers and portable toilets are the only ancillary facilities proposed. No additional ancillary facilities are foreseen in the future.

**9. Wellsite Layout:**

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface materials stockpile(s) will be included with the site specific APD and developed through a consultant.

**10. Plans for Restoration of the Surface:**

The dirt contractor will be provided with an approved copy of the surface use plan and these Standard Operating Procedures prior to commencing construction activities.



Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. All reclamation standards will be developed between Bill Barrett Corporation (BBC) and UDWR. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be recontoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored as near as possible to its original line of flow.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be cut off at the water or mud line and disposed of at an approved landfill site. The remaining liner will be torn and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting, unless it is determined that this location will be utilized to drill additional wells within 1 year of completing operations.

After the reserve pit has been reclaimed, diversion ditches and water bars will be used to divert precipitation runoff/runoff as appropriate.

Prior to the construction of the location, the top 6 inches or maximum available topsoil material will be stripped and stockpiled. Placement of the topsoil will be noted on the location plat attached to the site specific APD. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. When all drilling and completion activities have been completed, the unused portion of the location (area outside the deadmen) will be recontoured and the stockpiled topsoil spread over the area.

If topsoil must be stored for more than one year:

It shall be windrowed on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

It shall be broadcast seeded with the prescribed seed mixture immediately after windrowing. Seed will be drilled on the contour to an appropriate depth and the

stockpile then "walked" with a dozer to cover the seed and roughen the soil to prevent erosion.

Mulching may be considered to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw and hay must be certified to be weed-free and the documentation submitted prior to usage.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road will be scarified and left with a rough surface.

UDWR shall be contacted for the required seed mixture. Seed will be drilled on the contour to an appropriate depth. If broadcast seeded, the amount of seed mixture per acre will be doubled, and a harrow or some other implement will be dragged over the seeded area to assure coverage of the seeds.

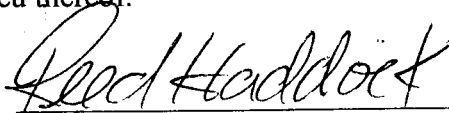
At final abandonment, BBC will follow UT-DOGM standards for final well abandonment.

**11. Surface Ownership**

The well location and proposed access road route is located on The Ute Indian Tribe surface estate.

I hereby certify that Bill Barrett Corporation has reached an agreement with The Ute Indian Tribe for the protection of surface resources and reclamation of disturbed areas and/or damages in lieu thereof.

11/19/2007  
Date

  
Reed Haddock – Permit Analyst  
Bill Barrett Corporation

**12. Other Information:**

The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the BBC field representative to ensure compliance.

The operator will control noxious weeds along applied access road authorizations, pipeline route authorizations, well sites or other applicable facilities

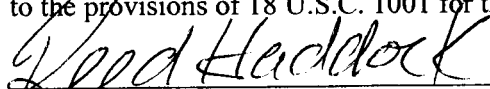
Wells drilled during the fire season (June – October) all appropriate precautions shall be instituted to ensure that fire hazard is minimized, including, but not limited to, controlling vegetation and keeping fire fighting equipment readily available during all drilling and completion operations.

Drilling rigs and/or equipment used during drilling operations on locations will not be stacked or stored on UDWR administered lands after the conclusion of drilling operations or at any other time without permission by the UDWR. If UDWR permission is obtained, such storage will only be temporary measure.

Travel will be restricted to approved travel routes.

### OPERATOR CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bill Barrett Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



DATE: November 1, 2007

Reed Haddock  
Permit Analyst

#### **BBC Representatives:**

Reed Haddock  
Bill Barrett Corporation  
1099 18<sup>th</sup> Street, Suite 2300  
Denver, CO 80202  
Phone: 303-312-8546  
Fax: 303-291-0420

Scot Donato, Environmental Health and Safety; phone: (303) 312-8191  
Mike Angus, Area Superintendent; phone: (435) 724-8016

#### **UDWR Representatives:**

Ben Williams, UDWR, Wildlife Resources; phone: (435) 781-5357  
Bill James, UDWR, Wildlife Resources, Manager; phone: (801) 538-4745

# BILL BARRETT CORPORATION

#7-8-45 BTR

LOCATED IN DUCHESNE COUNTY, UTAH  
SECTION 8, T4S, R5W, U.S.B.&M.

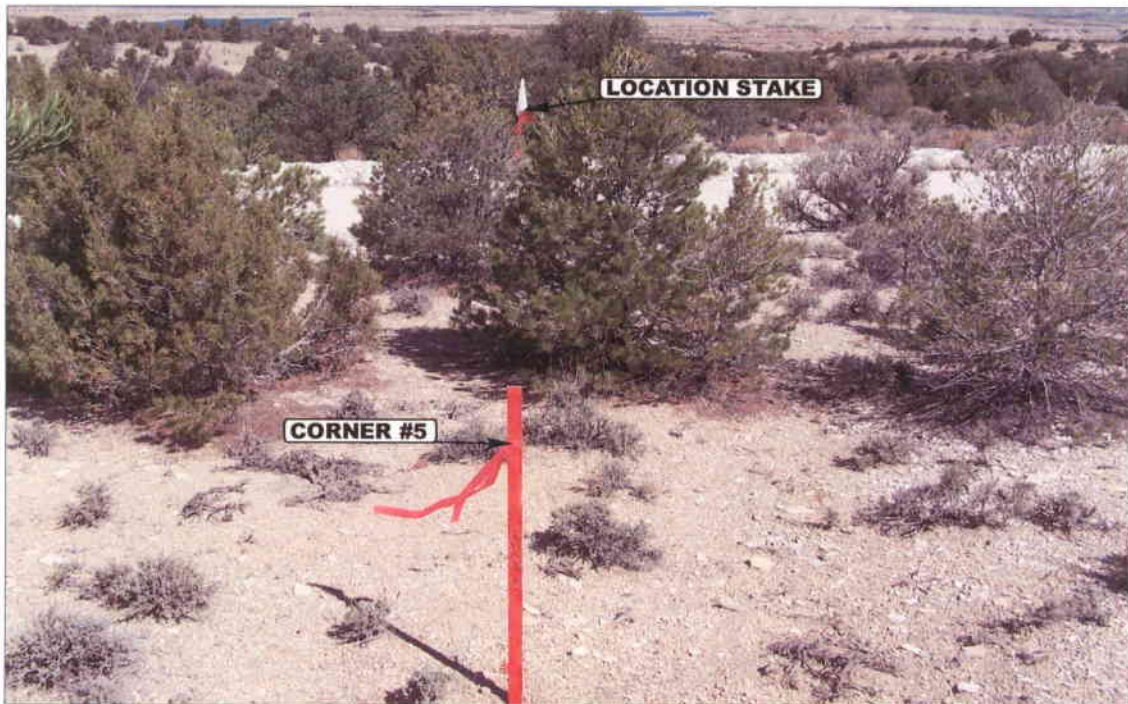


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**11** **12** **07**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: D.R.

DRAWN BY: C.P.

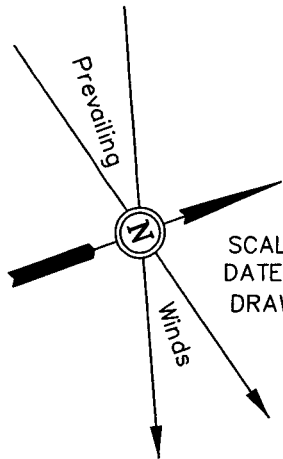
REVISED: 00-00-00

# BILL BARRETT CORPORATION

## LOCATION LAYOUT FOR

#7-8-45 BTR  
SECTION 8, T4S, R5W, U.S.B.&M.  
2100' FNL 1652' FEL

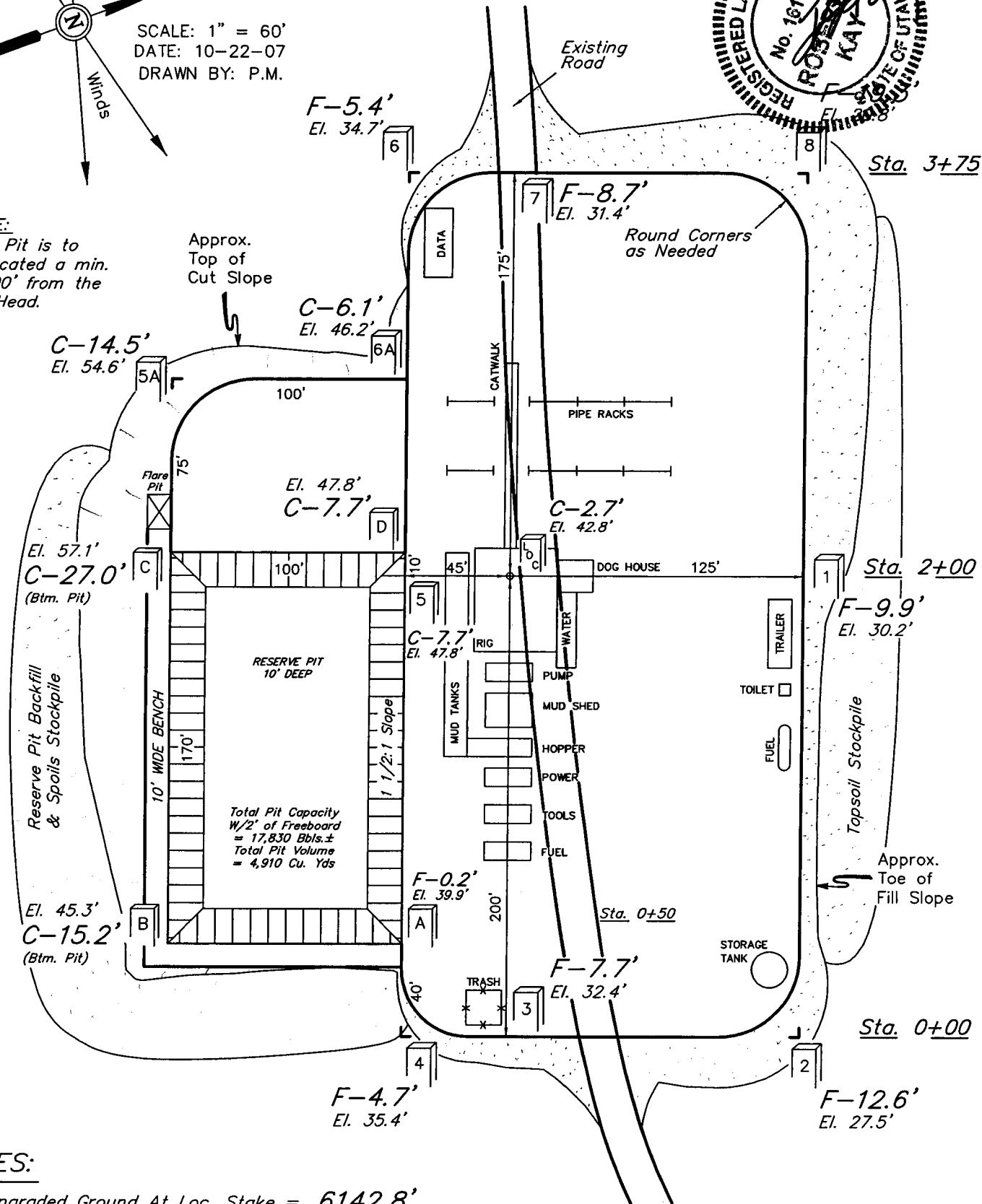
FIGURE #1



SCALE: 1" = 60'  
DATE: 10-22-07  
DRAWN BY: P.M.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 6142.8'  
FINISHED GRADE ELEV. AT LOC. STAKE = 6140.1'

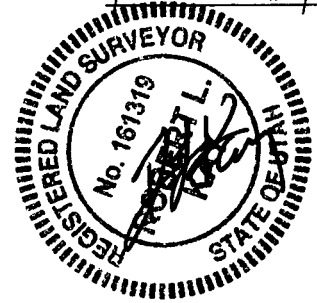
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# BILL BARRETT CORPORATION

## TYPICAL CROSS SECTIONS FOR

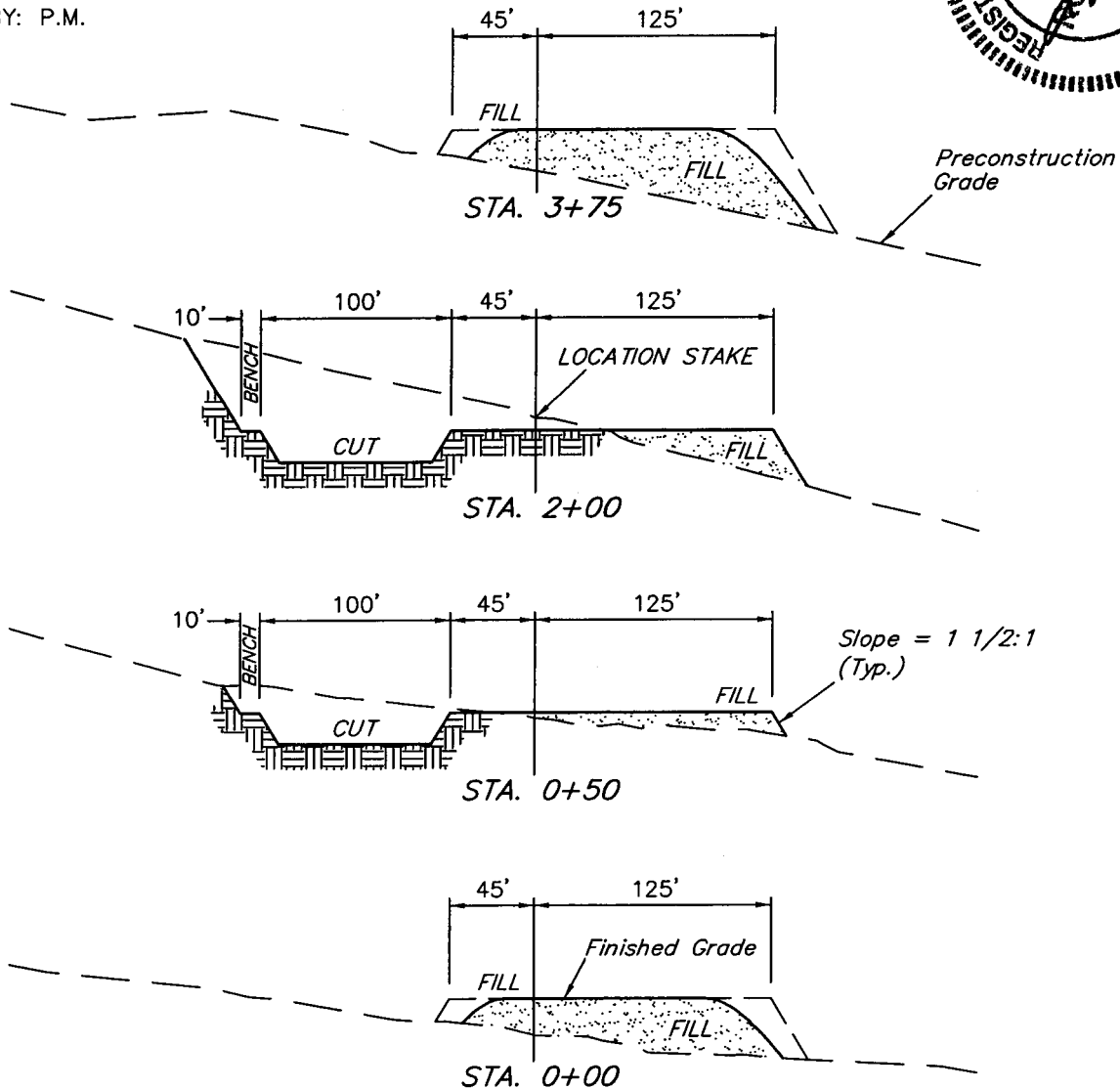
#7-8-45 BTR  
SECTION 8, T4S, R5W, U.S.B.&M.  
2100' FNL 1652' FEL

FIGURE #2



1" = 40'  
X-Section  
Scale  
1" = 100'

DATE: 10-22-07  
DRAWN BY: P.M.



### APPROXIMATE ACREAGES

WELL SITE DISTURBANCE =  $\pm 3.019$  ACRES

ACCESS ROAD DISTURBANCE =  $\pm 6.294$  ACRES

PIPELINE DISTURBANCE =  $\pm 3.203$  ACRES

TOTAL =  $\pm 12.516$  ACRES

### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

#### CUT

(12") Topsoil Stripping = 4,360 Cu. Yds.

Remaining Location = 17,920 Cu. Yds.

TOTAL CUT = 22,280 CU. YDS.

FILL = 15,460 CU. YDS.

EXCESS MATERIAL = 6,820 Cu. Yds.

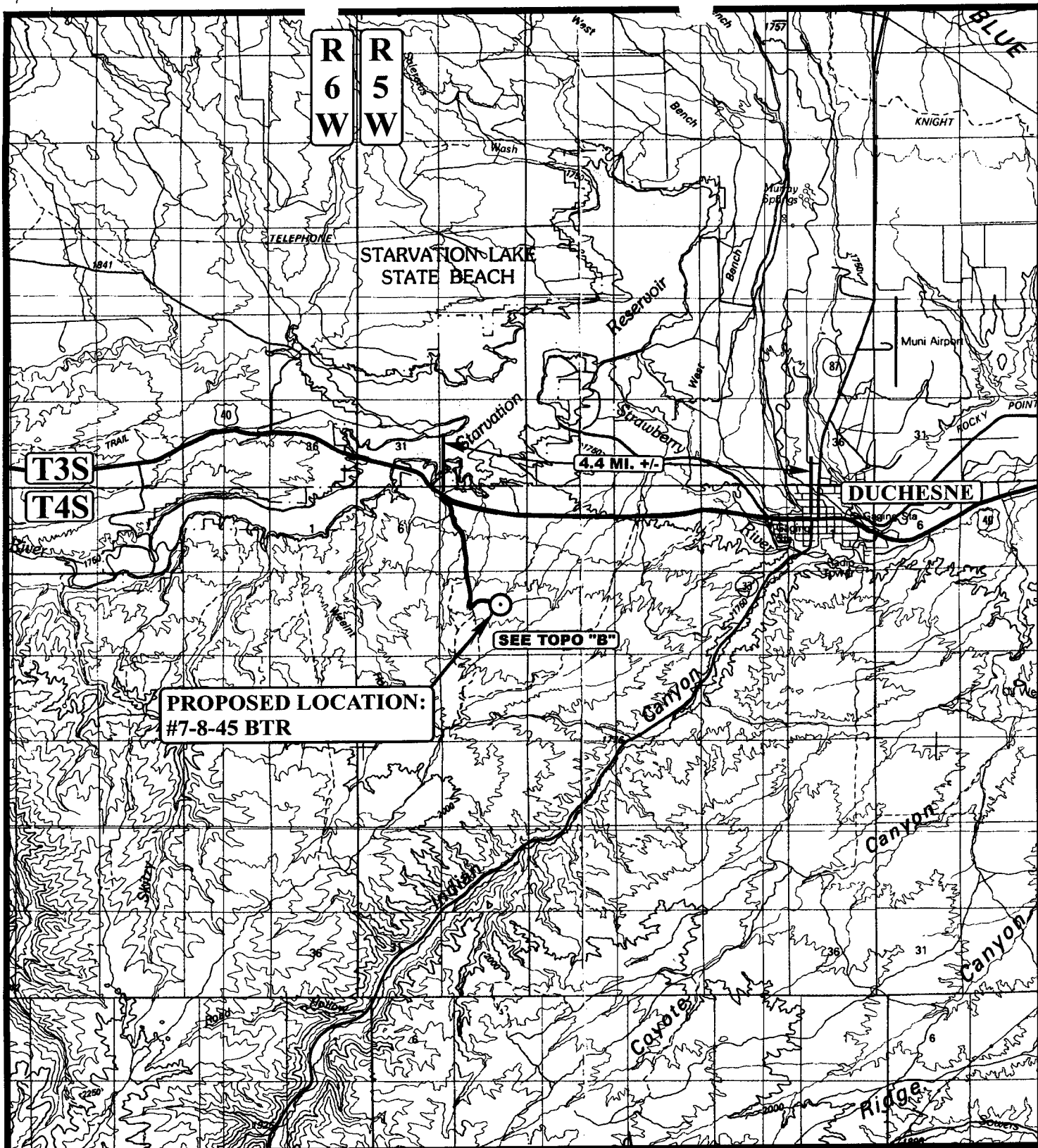
Topsoil & Pit Backfill = 6,820 Cu. Yds.  
(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

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# LEGEND:

○ PROPOSED LOCATION

## BILL BARRETT CORPORATION

#7-8-45 BTR

SECTION 8, T4S, R5W, U.S.B.&M.

2100' FNL 1652' FEL



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
 MAP

11 12 07  
 MONTH DAY YEAR

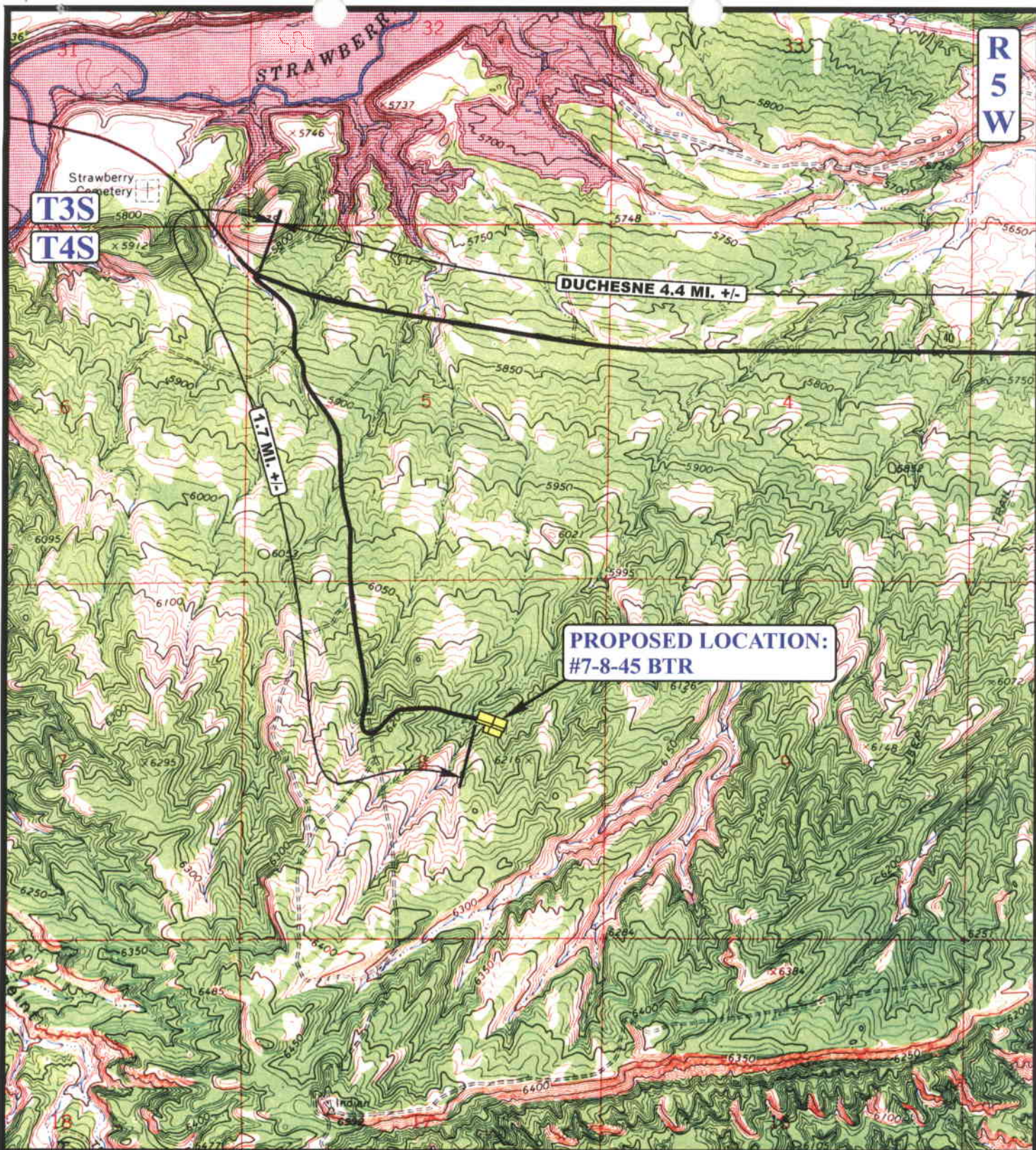
SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 00-00-00







# LEGEND:

EXISTING ROAD



**BILL BARRETT CORPORATION**

**#7-8-45 BTR**

**SECTION 8, T4S, R5W, U.S.B.&M.**

**2100' FNL 1652' FEL**



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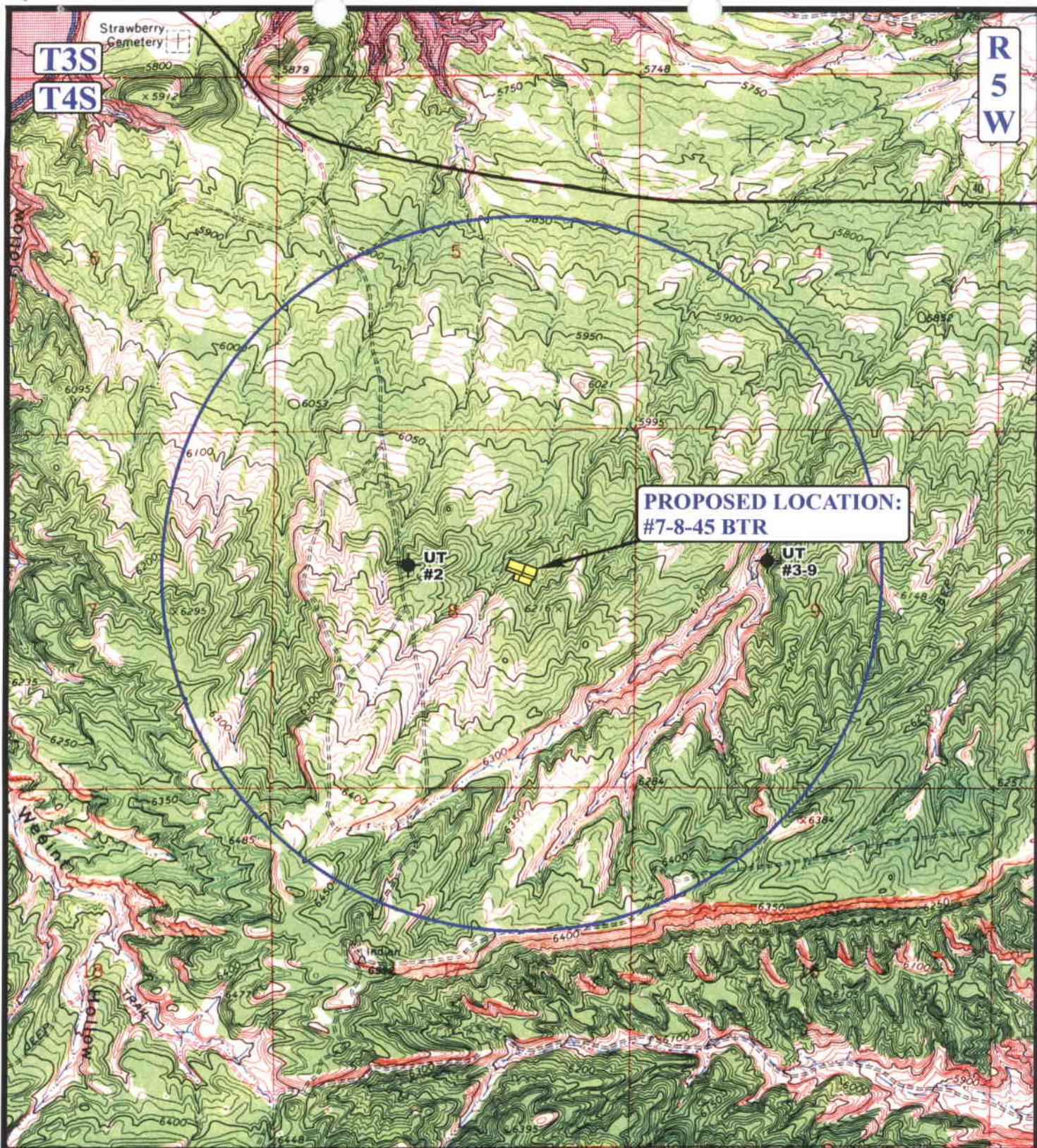
**TOPOGRAPHIC**  
**MAP**

**11 12 07**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







# LEGEND:

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ● WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



## BILL BARRETT CORPORATION

#7-8-45 BTR  
SECTION 8, T4S, R5W, U.S.B.&M.  
2100' FNL 1652' FEL



Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

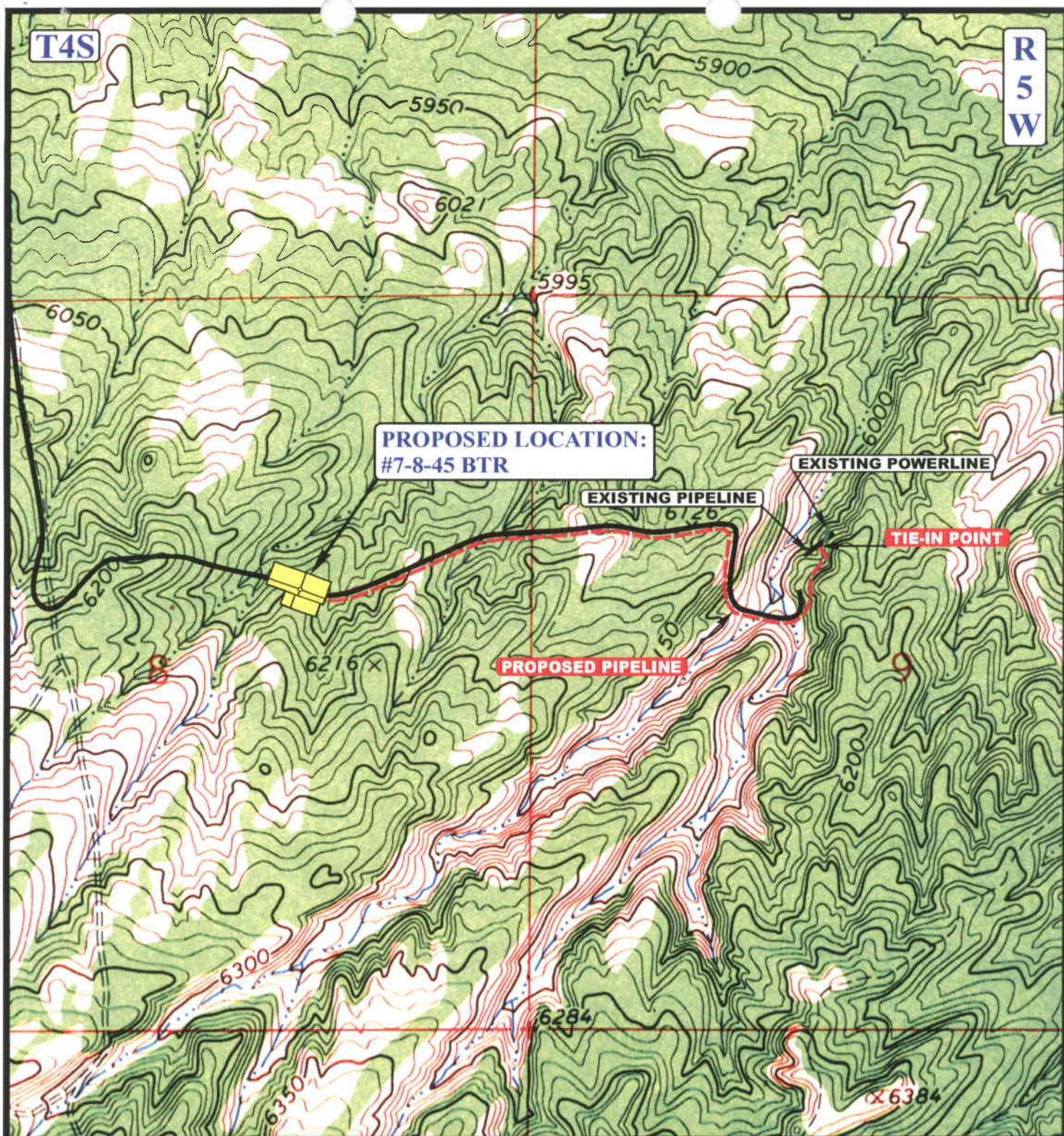
TOPOGRAPHIC  
MAP

11 12 07  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 4,780' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE
- - - - EXISTING POWERLINE

**BILL BARRETT CORPORATION**

**#7-8-45 BTR**  
**SECTION 8, T4S, R5W, U.S.B.&M.**  
**2100' FNL 1652' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

**11 12 07**  
 MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: C.P.

REVISED: 00-00-00





**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/23/2007

API NO. ASSIGNED: 43-013-33820

WELL NAME: 7-8-45 BTR

OPERATOR: BILL BARRETT CORP ( N2165 )

PHONE NUMBER: 303-312-8546

CONTACT: REED HADDOCK

PROPOSED LOCATION:

SWNE 08 040S 050W

SURFACE: 2100 FNL 1652 FEL

BOTTOM: 2100 FNL 1652 FEL

COUNTY: DUCHESNE

LATITUDE: 40.14908 LONGITUDE: -110.4700

UTM SURF EASTINGS: 545148 NORTHINGS: 4444228

FIELD NAME: ALTAMONT ( 55 )

INSPECT LOCATN BY: / /

**Tech Review**

**Initials**

**Date**

Engineering

Geology

Surface

LEASE TYPE: 2 - Indian

LEASE NUMBER: 2OG0005608

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: NHORN

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[2] Sta[] Fee[]  
(No. WYB000040 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit: \_\_\_\_\_

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

\_\_\_ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1. *Field Approval*  
2. *Spacing Strip*



OPERATOR: BILL BARRETT CORP (N2165)

SEC: 8 T.4S R. 5W

FIELD: ALTAMONT (55)

COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON  
DATE: 30-NOVEMBER-2007



**Bill Barrett Corporation**

December 4, 2007

Ms. Diana Mason – Petroleum Technician  
State of Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

**Re: Exception Location - #7-8-45 BTR Well - Blacktail Ridge Area**  
Location: 2100' FNL & 1652' FEL, SWNE, 8-T4S-R5W, USM  
Duchesne County, Utah

Dear Ms. Mason,

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill the above referenced well, we hereby submit this letter in accordance with Oil & Gas Conservation Rules R649-3-2, requesting an exception well location, supported by the following information:

- The proposed location is within our Blacktail Ridge Area.
- The location is an exception for topographic reasons and our desire to situate the wellsite at a location acceptable to the surface owner.
- The well will be drilled under an Exploration and Development Agreement between the Ute Indian Tribe and Ute Distribution Corporation. Ute Energy, LLC owns a right to participate in this well.
- BBC certifies that it is the working interest owner of all lands within 460 feet of the proposed well location, and together with Ute Energy, LLC, we own 100% of the working interest in these lands.

Based on the information provided, BBC requests the Division grant this exception to the locating and siting requirements of R649-3-2. Should you have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

Doug Gundry-White  
Senior Landman

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

December 6, 2007

Bill Barrett Corporation  
1099 18th St., Ste. 2300  
Denver, CO 80202

Re: 7-8-45 BTR Well, 2100' FNL, 1652' FEL, SW NE, Sec. 8, T. 4 South, R. 5 West,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33820.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office

**Operator:** Bill Barrett Corporation

**Well Name & Number** 7-8-45 BTR

**API Number:** 43-013-33820

**Lease:** 2OG0005608

**Location:** SW NE                      **Sec.** 8                      **T.** 4 South                      **R.** 5 West

### **Conditions of Approval**

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281    (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER


FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. BIA-EDA-2OG0005608
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name ute Indian Tribe
2. Name of Operator Bill Barrett Corporation		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202	3b. Phone No. (include area code) (303) 312-8546	8. Lease Name and Well No. # 7-8-45 BTR
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWNE, 2100 FNL' x 1652' FEL, Sec. 8, T4S, R5W At proposed prod. zone Same		9. API Well No. 43 013 33820
14. Distance in miles and direction from nearest town or post office* Approximately 6.1 miles southwest of Duchesne, UT		10. Field and Pool, or Exploratory Altamont
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1652' SHL	16. No. of acres in lease N/A	11. Sec., T, R. M. or Blk. and Survey or Area Sec. 8, T4S, R5W U.S.B.&M.
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,700' abandon well	19. Proposed Depth 9,867'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6143' Ungraded Ground	22. Approximate date work will start* 03/01/2008	13. State UT
17. Spacing Unit dedicated to this well 640		
20. BLM/BIA Bond No. on file Nationwide Bond # WYB000040		
23. Estimated duration 45 days		

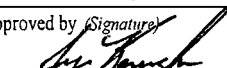
24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature 	Name (Printed/Typed) Reed Haddock	Date 11/19/2007
---	--------------------------------------	--------------------

Title  
Permit Analyst

Approved by (Signature) 	Name (Printed/Typed) Jenny Kenicka	Date 6-19-2008
---	---------------------------------------	-------------------

Title  
Assistant Field Manager  
Lands & Mineral Resources

Office  
**VERNAL FIELD OFFICE**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

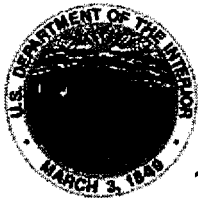
**NOTICE OF APPROVAL**

**RECEIVED**

**JUN 24 2008**

**DIV. OF OIL, GAS & MINING**

**UDOGM**



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company:	Bill Barrett Corporation	Location:	SWNE, Sec. 8, T4S, R5W
Well No:	7-8-45 BTR	Lease No:	2OG0005608
API No:	43-013-33820	Agreement:	N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

**Fax: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

***Surface COAs:***

- A 9139.32' by 30' corridor access road right-of-way shall be approved.
- A 4651.25' by 30' corridor pipeline right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

***Additional Conditions of Approval***

- Stockpile trees along access road.
- Paint equipment Olive Black.
- Use low water crossings on drainages on access road and upgrade to culverts as needed.
- Straight wall pit on south side to avoid large cut.
- Span power line across drainage keeping poles and anchors within access road corridor.

***DOWNHOLE CONDITIONS OF APPROVAL (COAs):***

***SITE SPECIFIC DOWNHOLE COAs:***

- Lowermost Production or Intermediate (contingency program) casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
- For casing production (partial) liner installation, casing liner is to be installed and tested to the standards of Onshore Orders #2. The operator specified casing liner lap overlap interval length is 500 ft.
- Oil (or Diesel) shall not be used in the water based mud system without prior approval. Written request for approval shall be required.
- A cement Bond Log (CBL) shall be run from the production casing shoe to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- All blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.



- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: BILL BARRETT CORPORATION

Well Name: 7-8-45 BTR

Api No: 43-013-33820 Lease Type: INDIAN

Section 08 Township 04S Range 05W County DUCHESNE

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # RATHOLE

### **SPUDDED:**

Date 07/23/08

Time \_\_\_\_\_

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by JODY SOUTH VIA E-MAIL

Telephone # (208) 695-4817

Date 07/23//08 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☐ ☒ Gas Well ☐ Other

2. Name of Operator **Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.

**BIA-EDA-20G0005608**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**# 7-8-45 BTR**

9. API Well No.

**43-013-33820**

10. Field and Pool, or Exploratory Area

**ALTAMONT**

11. County or Parish, State

**DUCHESNE COUNTY**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity  
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other **Well Spud**  
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon  
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**THIS SUNDRY IS BEING SUBMITTED AS NOTIFICATION OF WELL SPUD ON 7/23/2008.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**

Title **Permit Analyst**

Signature

*Reed Haddock*

Date

**07/22/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction

(Instructions on page 2)

**RECEIVED**

**JUL 25 2008**

**DIV. OF OIL, GAS & MINING**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Bill Barrett Corporation Operator Account Number: N N216S  
Address: 1099 18th Street, Suite 2300  
city Denver  
state CO zip 80202 Phone Number: (303) 312-8546

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333820	# 7-8-45 BTR		SWNE	8	4S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16974	7/23/2008			7/30/08	
<b>Comments:</b> Spudding Operations will be conducted by Craig Roustabout Service, Inc. on 7/23/2008 @ 5:00pm. <u>N HORN = WSTC</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**RECEIVED**

JUL 25 2008

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DIV. OF OIL, GAS & MINING

Reed Haddock

(Please Print)

Signature

Permit Analyst

Title

7/22/2008

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

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## SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **Bill Barrett Corporation**3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**3b. Phone No. (include area code)  
**303-312-8546**

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**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.

**BIA-EDA-20G0005608**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**# 7-8-45 BTR**

9. API Well No.

**43-013-33820**

10. Field and Pool, or Exploratory Area

**ALTAMONT**

11. County or Parish, State

**DUCHESNE COUNTY**

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BBC is requesting permission to set 2,500' of surface casing on its upcoming 7-8-45 BTR well. The original permit for the 7-8-45 BTR was approved 12/06/07, which included the setting of 1,000' of 10-3/4" surface casing then a "planned" and an "alternate" casing and cementing proposal below the surface casing shoe. The increase in planned surface casing setting depth is an attempt to mitigate lost circulation that BBC has experienced in offset wells drilled to date within the project area. Log evaluation of offset wells indicates that a surface casing string set at 2,500' and cemented back to surface would mitigate potential lost circulation, allowing BBC to follow our "planned" casing program which alleviates a string of 7-5/8" intermediate casing. BBC requests permission to implement the "alternate" proposal indicated in the original APD in the event lost circulation is encountered below 2,500', but expects this not to be the case. The revised casing design and cementing designs for the 2,500' of surface casing are attached.

BBC will pre-set and cement 150' of 16" or 20" conductor, which will be grout cemented back to surface. An air drilling rig would then be rigged up on the well with a diverter in place to drill the 14-3/4" hole to 2,500'. In the event a water flow is encountered the water would be diverted to the reserve pit and air drilling would cease. The actual drilling rig would then be brought in and the surface hole would be drilled with mud to 2,500'.

Please contact Dominic Spencer regarding any questions regarding our proposed drilling program. Dominic can be reached at (303) 312-8164.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**Title **Permit Analyst**

Signature

**Reed Haddock**

Date

**07/22/2008**

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Federal Approval of This  
Action is Necessary

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject case which would entitle the applicant to conduct operations thereon.

By **8/12/08**  
Title **Gas and Mining**

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

JUL 25 2008

DIV. OF OIL, GAS &amp; MINING

COPY SENT TO OPERATOR

Date: **8-14-2008**Initials: **KS**

Well name: 7-8-45 BTR\_Deep Sfc

Operator: Bill Barrett Corporation

String type: Conductor

Location: SWNE Sec. 8, T4S-R5W, Duchesne Co., UT

**Design parameters:**

**Collapse**

Mud weight: 8.34 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 60.00 °F

Bottom hole temperature: 62 °F

Temperature gradient: 1.22 °F/100ft

Minimum section length: 1,500 ft

Cement top: Surface

**Burst**

Max anticipated surface

pressure: 32 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 65 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 132 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	150	16	65.00	H-40	ST&C	150	150	15.125	19.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	65	630	9.694	65	1640	25.24	9	439	51.32 J

Prepared Dominic Spencer  
by: Bill Barrett

Phone: (303) 312-8164  
FAX: (303) 291-0420

Date: February 4, 2008  
Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 150 ft, a mud weight of 8.34 ppg. The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



**Bill Barrett Corporation E-bill  
1099 18th Street - Suite 2300  
Denver, Colorado 80202**

**BTR 7-8-45**

**Duchesne County, Utah  
United States of America  
S:8 T:4S R:5W  
API/UWI 049013336410000**

## **10 3/4" Surface Casing Cementing**

**Prepared for: Dominic Spencer  
February 6, 2008  
Version: 1**

**Submitted by:  
Pat Kundert  
Halliburton  
1125 17th Street - Suite 1900  
Denver, Colorado 80202  
+303.886.0839**

**HALLIBURTON**

# HALLIBURTON

---

***Halliburton appreciates the opportunity to present  
this proposal and looks forward to being of service to you.***

## ***Foreword***

---

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared and Submitted by:

\_\_\_\_\_  
Pat Kundert  
Technical Advisor

SERVICE CENTER:  
SERVICE COORDINATOR:  
PHONE NUMBER:

VERNAL, UTAH  
KEN ESTEP/COREY REYNOLDS  
435-789-2550



## *Job Information*

## *Surface Casing*

---

BTR 7-8-45

Surface Hole	0 - 3000 ft (MD)
Inner Diameter	14.750 in
Job Excess	75 %

Surface Casing	0 - 3000 ft (MD)
Outer Diameter	10.750 in
Inner Diameter	9.950 in
Linear Weight	45.50 lbm/ft
Casing Grade	J-55

Mud Type	Water Based Mud
Mud Weight	8.80 lbm/gal
BHST	97 degF

## Calculations

## Surface Casing

---

Spacer:

$$\begin{aligned}\text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl}\end{aligned}$$

Cement : (2500.00 ft fill)

$$\begin{aligned}2500.00 \text{ ft} * 0.5563 \text{ ft}^3/\text{ft} * 75 \% &= 2433.92 \text{ ft}^3 \\ \text{Total Lead Cement} &= 2433.92 \text{ ft}^3 \\ &= 433.50 \text{ bbl} \\ \text{Sacks of Cement} &= 1316 \text{ sks}\end{aligned}$$

Cement : (500.00 ft fill)

$$\begin{aligned}500.00 \text{ ft} * 0.5563 \text{ ft}^3/\text{ft} * 75 \% &= 486.78 \text{ ft}^3 \\ \text{Tail Cement} &= 486.78 \text{ ft}^3 \\ &= 86.70 \text{ bbl}\end{aligned}$$

Shoe Joint Volume: (44.00 ft fill)

$$\begin{aligned}44.00 \text{ ft} * 0.54 \text{ ft}^3/\text{ft} &= 23.76 \text{ ft}^3 \\ &= 4.23 \text{ bbl} \\ \text{Tail plus shoe joint} &= 510.54 \text{ ft}^3 \\ &= 90.93 \text{ bbl} \\ \text{Total Tail} &= 444 \text{ sks}\end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned}3000.00 \text{ ft} * 0.54 \text{ ft}^3/\text{ft} &= 1619.92 \text{ ft}^3 \\ &= 288.52 \text{ bbl}\end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned}\text{Capacity of Pipe - Shoe Joint} &= 288.52 \text{ bbl} - 4.23 \text{ bbl} \\ &= 284.29 \text{ bbl}\end{aligned}$$

## *Job Recommendation*

## *Surface Casing*

---

### Fluid Instructions

#### Fluid 1: Water Based Spacer

##### Fresh Water with Gel

25 lbm/bbl Poly-E-Flake (Lost Circulation Additive)  
10 lbm/bbl Bentonite (Viscosifier)

Fluid Density: 8.50 lbm/gal

Fluid Volume: 20 bbl

#### Fluid 2: Lead Cement – (2500 – 0')

##### Halliburton Light Premium

1 % Calcium Chloride (Accelerator)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12.70 lbm/gal

Slurry Yield: 1.85 ft<sup>3</sup>/sk

Total Mixing Fluid: 9.90 Gal/sk

Top of Fluid: 0 ft

Calculated Fill: 2500 ft

Volume: 433.50 bbl

Calculated Sacks: 1315.63 sks

**Proposed Sacks: 1320 sks**

#### Fluid 3: Tail Cement – (3000 – 2500')

##### Premium Cement

94 lbm/sk Premium Cement (Cement)  
1 % Calcium Chloride (Accelerator)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 15.80 lbm/gal

Slurry Yield: 1.15 ft<sup>3</sup>/sk

Total Mixing Fluid: 4.97 Gal/sk

Top of Fluid: 2500 ft

Calculated Fill: 500 ft

Volume: 90.93 bbl

Calculated Sacks: 443.95 sks

**Proposed Sacks: 445 sks**

#### Fluid 4: Top Out Cement

##### Premium Cement

94 lbm/sk Premium Plus Cement (Cement)  
94 lbm/sk Premium Cement (Cement)  
2 % Calcium Chloride (Accelerator)

Fluid Weight 15.80 lbm/gal

Slurry Yield: 1.15 ft<sup>3</sup>/sk

Total Mixing Fluid: 4.97 Gal/sk

**Proposed Sacks: 100 sks**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

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5. Lease Serial No.

**BIA-EDA-20G0005608**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**# 7-8-45 BTR**

9. API Well No.

**43-013-33820**

10. Field and Pool, or Exploratory Area

**ALTAMONT**

11. County or Parish, State

**DUCHESNE COUNTY**

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BBC is requesting permission to set 3,600' of surface casing on its upcoming 7-8-45 BTR well. This is the second time BBC has sundried the surface casing plan. On July 22, 2008, BBC requested and received permission to set surface casing to 2,500'. The additional increase in the planned surface casing setting depth is based on the problems encountered while drilling the # 1-5-45 BTR. BBC will install a diverter on our conductor prior to drilling the surface hole. The "BTR General" revised casing design and proposed cement design for the 3,600' of surface casing is attached.

Please contact Dominic Spencer regarding any questions regarding our proposed drilling program. Dominic can be reached at (303) 312-8164.

COPY SENT TO OPERATOR

Date: 8.14.2008Initials: KS

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**Title **Permit Analyst**

Signature

**Reed Haddock**Digitally signed by Reed Haddock  
DN: cn=Reed Haddock, email=reed.haddock@blm.gov, o=Bureau of  
Land Management, ou=Department of the Interior, c=US

Date

**08/01/2008****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

**Oil, Gas and Mining**

Office

Date **8/12/08**  
Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED****AUG 05 2008**

DIV. OF OIL, GAS &amp; MINING

Well name:	<b>BTR General</b>
Operator:	<b>Bill Barrett Corporation</b>
String type:	<b>Surface</b>
Location:	<b>SWNW Sec. 21, T3S-R6W, Duchesne Co., UT</b>

<b>Design parameters:</b>	<b>Minimum design factors:</b>	<b>Environment:</b>
<u>Collapse</u>	<u>Collapse:</u>	H2S considered? No
Mud weight: 8.80 ppg	Design factor 1.125	Surface temperature: 60.00 °F
		Bottom hole temperature: 97 °F
		Temperature gradient: 1.22 °F/100ft
		Minimum section length: 150 ft
Design is based on evacuated pipe.		
	<u>Burst:</u>	
	Design factor 1.00	Cement top: Surface
<u>Burst</u>		
Max anticipated surface pressure: 1,303 psi		
Internal gradient: 0.22 psi/ft		
Calculated BHP 2,095 psi	<u>Tension:</u>	Non-directional string.
	8 Round STC: 1.80 (J)	
	8 Round LTC: 1.80 (J)	
	Buttress: 1.80 (J)	
	Premium: 1.80 (J)	
	Body yield: 1.80 (B)	
No backup mud specified.		<b>Re subsequent strings:</b>
	Tension is based on buoyed weight.	Next setting depth: 10,985 ft
	Neutral point: 3,005 ft	Next mud weight: 10.600 ppg
		Next setting BHP: 6,049 psi
		Fracture mud wt: 11.200 ppg
		Fracture depth: 3600 ft
		Injection pressure 1,745 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3600	9.625	36	J-55	ST&C	3600	3600	8.765	232
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1645	2020	1.228	2095	3520	1.680	142	394	2.775

Prepared Dominic Spencer  
by: Bill Barrett

Phone: (303) 312-8164  
FAX: (303) 291-0420

Date: July-30 2008  
Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 3000 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

**RECEIVED**  
**AUG 05 2008**  
DIV. OF OIL, GAS & MINING

## 7-8-45 BTR Proposed Cementing Program

<u>Job Recommendation</u>		<u>Surface Casing</u>	
<b>Lead Cement - (3000' - 0')</b>			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
1.0% Calcium Chloride	Slurry Yield:	1.85	ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	3,000'	
	Volume:	520.16	bbl
	<b>Proposed Sacks:</b>	<b>1590</b>	<b>sks</b>
<b>Tail Cement - (TD - 3000')</b>			
Premium Cement	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	4.97	Gal/sk
	Top of Fluid:	3,000'	
	Calculated Fill:	600'	
	Volume:	104.03	bbl
	<b>Proposed Sacks:</b>	<b>510</b>	<b>sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>		
<b>Lead Cement - (6005' - 3500')</b>			
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal
16.0% Bentonite	Slurry Yield:	3.84	ft <sup>3</sup> /sk
0.75% Econolite	Total Mixing Fluid:	23.38	Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid:	3,500'	
3.0 lbm/sk Granulite TR	Calculated Fill:	2,505'	
3.0% Salt	Volume:	180.04	bbl
0.8% HR-7	<b>Proposed Sacks:</b>	<b>270</b>	<b>sks</b>
<b>Tail Cement - (9867' - 6005')</b>			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
0.75% Halad ®-322	Slurry Yield:	1.49	ft <sup>3</sup> /sk
0.2% FWCA	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite	Top of Fluid:	6,005'	
0.125 lbm/sk Poly-E-Flake	Calculated Fill:	3,862'	
1.0 lbm/sk Granulite TR 1/4	Volume:	277.60	bbl
0.2% HR-5	<b>Proposed Sacks:</b>	<b>1060</b>	<b>sks</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.

**BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**# 7-8-45 BTR**

9. API Well No.

**43-013-33820**

10. Field and Pool, or Exploratory Area

**ALTAMONT**

11. County or Parish, State

**DUCHESNE COUNTY**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Drilling Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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**Weekly drilling activity report from 8/4/08 - 8/11/2008.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**

Title **Permit Analyst**

Signature

*Reed Haddock*

Date

**08/11/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

(Instructions on page 2)

**AUG 13 2008**

**DIV. OF OIL, GAS & MINING**

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/11/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 8

Depth At 06:00 : 2125.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 4

Morning Operations : DRLG

Remarks :

Time To	Description
11:30 AM	DRLG. 1750 - 1893
12:00 PM	RIG SERVICE
9:30 PM	DRLG. 1893 - 2050
10:00 PM	CIRC BOTTOMS UP
11:30 PM	POOH - CHANGE BITS
2:00 AM	CHANGE MOTORS WORK ON MWD TOOLS
3:30 AM	TRIP IN HOLE
6:00 AM	DRLG. 2050- 2125

DSLTA:217  
Safety Meetings CHANGING BITS  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:3969 gallons  
USED:945 gallons  
TOTAL FUEL USED:3590 gallons  
Daily water hauled:0 BBLs  
Total water hauled:6240 BBLs  
Acc:2700 psi  
Man:2700 psi  
Ann:1100 psi  
Fluid:  
BOP drills:  
Notified

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/10/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 7

Depth At 06:00 : 1750.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 3

Morning Operations : DRLG.

FUEL 4:

Time To	Description
5:30 PM	DRLG. - 1325 TO 1632
6:00 PM	RIG SERVICE
10:00 PM	POOH CHANGE BITS START IN
10:30 PM	REAM 1147 TO 1177
11:00 PM	TRIP ON IN 4 STDS
12:00 AM	REAM 1494 TO BOTTOM ( 1632 )
6:00 AM	DRLG 1632 TO 1750

Remarks :

DSLTA:216  
Safety Meetings TIGHT HOLE  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:4914 gallons  
USED:945 gallons  
TOTAL FUEL USED:3590 gallons  
Daily water hauled:520 BBLs  
Total water hauled:6240 BBLs  
Acc:2700 psi  
Man:2700 psi  
Ann:1100 psi  
Fluid:  
BOP drills:  
Notified



# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/9/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 6

Depth At 06:00 : 1325.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 2

Morning Operations : DRLG.

FL

Time To	Description
10:00 AM	DRLG 425 TO 615
10:30 AM	RIG SERVICE
6:00 AM	DRLG. 615 - 1325 HOLES TOOK APP. 400 BBL IN LAST 24 HRS

Remarks :

DSLTA:215  
 Safety Meetings:WET BRAKES  
 (358 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 FUEL:5859 gallons  
 USED:1039 gallons  
 TOTAL FUEL USED:2645 gallons  
 Daily water hauled:3640 BBLS  
 Total water hauled:5720 BBLS  
 Acc:0psi  
 Man:0psi  
 Ann:0psi  
 Fluid:  
 BOP drills:  
 Notified

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/8/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 5

Depth At 06:00 : 425.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 1

Morning Operations : DRLG

FUEL 6894

Time To	Description
11:00 AM	HOOK UP DIVERTER & CHOKE / FLARE LINES
1:00 PM	MAKE UP KELLY PU BIT / SUB/ STRAP BHA
6:00 PM	SPUD @ 1300 HRS DRLG.65' TO 151'
10:00 PM	LD 2 JTS PU MOTOR & DIRECTIONAL TOOLS REOPEN 14.75 F/ BENT MOTOR
10:30 PM	RIG SERVICE
11:30 PM	WORK ON PUMP
6:00 AM	DRLG. F/ 151 TO 425

Remarks :

DSLTA:214  
 Safety Meetings:WORKING ON PUMP ACC. START UP  
 (358 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 FUEL:6898 gallons  
 USED:1754 gallons  
 TOTAL FUEL USED: gallons  
 Daily water hauled:2080 BBLS  
 Total water hauled:2080 BBLS  
 Acc:0psi  
 Man:0psi  
 Ann:0psi  
 Fluid:  
 BOP drills:  
 Notified

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/7/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 4

Depth At 06:00 :

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 0

Morning Operations : Finish rigging up

Time To	Description
4:00 PM	Finish rigging up w/crane & trucks. Released Tri State trucks @ 11:00am. Rigging up floor, set doghouse, catwalks, rotary table, floorplates, racking board. Released crane @ 16:00hrs**Notifications in comments section**
6:00 AM	Rig up rotary tools, set beaverslide, catwalk, Weld on 16" flange to conductor, NU/16" Annular preventer, mud cross. 3" 5M manual valve. Hookup 4" choke line to reserve pit. Fill rig tanks w/water

Remarks :

DSLTA:213  
Safety Meetings: Rigging down w/crane & trucks  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2" DC's  
(5) 8" DC  
(30) 5" IF Conn SWDP-Rental Thomas Oil Tools  
FUEL: 4252 gallons  
USED: 852 gallons  
TOTAL FUEL USED: gallons  
Daily water hauled: 0 BBLS  
Total water hauled: 0 BBLS  
Acc: 0psi  
Man: 0psi  
Ann: 0psi  
Fluid:  
BOP drills:  
Notified Carol Daniels w/State of Utah, Michael Lee w/BLM and Ben Williams w/UDW about spud time.

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/6/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 3

Depth At 06:00 :

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 0

Morning Operations : Rigging up

Time To	Description
7:00 PM	Rigging up: rig 80% rigged up.

Remarks :

DSLTA:213  
Safety Meetings: Rigging down w/crane & trucks  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2" DC's  
(5) 8" DC  
(30) 5" IF Conn SWDP-Rental Thomas Oil Tools  
FUEL: 4252 gallons  
USED: 852 gallons  
TOTAL FUEL USED: gallons  
Daily water hauled: 0 BBLS  
Total water hauled: 0 BBLS  
Acc: 0psi  
Man: 0psi  
Ann: 0psi  
Fluid:  
BOP drills:

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/5/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 2

Depth At 06:00 :

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008 Days From Spud : 0

Morning Operations : Rigging down w/crane & trucks

Time To	Description
6:00 PM	Rig idle overnight
7:00 PM	Rigging down w/TriState.rig 90% moved off of old location.Working on brake flanges and swapping out #1 mud pump.

Remarks :

DSLTA:212  
 Safety Meetings:Rigging down w/crane & trucks  
 (358 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 FUEL:4252 gallons  
 USED:852 gallons  
 TOTAL FUEL USED: gallons  
 Daily water hauled:0 BBLS  
 Total water hauled:0 BBLS  
 Acc:0psi  
 Man:0psi  
 Ann:0psi  
 Fluid:  
 BOP drills:

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/4/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 1

Depth At 06:00 :

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008 Days From Spud : 0

Morning Operations : Rigging down

Time To	Description
6:00 AM	Rigging down:Cleaning parafin off rig

Remarks :

DSLTA:211  
 Safety Meetings:Rigging down w/crane & trucks  
 (358 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 FUEL:4252 gallons  
 USED:852 gallons  
 TOTAL FUEL USED: gallons  
 Daily water hauled:0 BBLS  
 Total water hauled:0 BBLS  
 Acc:0psi  
 Man:0psi  
 Ann:0psi  
 Fluid:  
 BOP drills:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
**Bill Barrett Corporation**3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.

**BIA-EDA-20G0005608**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**# 7-8-45 BTR**

9. API Well No.

**43-013-33820**

10. Field and Pool, or Exploratory Area

**ALTAMONT**

11. County or Parish, State

**DUCHESNE COUNTY****12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Drilling Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Weekly drilling activity report from 8/11/08 - 8/18/2008.**

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) <b>Reed Haddock</b>	Title <b>Permit Analyst</b>
Signature <i>Reed Haddock</i>	Date <b>08/18/2008</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title	Date
	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED****AUG 20 2008**

DIV. OF OIL, GAS &amp; MINING

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/18/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 15

Depth At 06:00 : 4970.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 11

Morning Operations : Drilling ahead

## Remarks :

Time To	Description
5:30 PM	Drill f/ 4273'ft to 4623'ft-Rot 90% Sliding 10%.Took 150bbl mud loss to hole @ 4310'ft.Increased LCM content to 18-20% to stop losses.Lost total of 374bbbls to hole f/ 6am to 1pm.Shakers bypassed.MW- 8.8ppg
6:00 PM	Rig service.
6:00 PM	Drill f/ 4623'ft to 4970'ft-Rot 95% Sliding 5%-Hole still taking 10bbl/ hr mud.

DSLTA:224  
 Safety Meetings:Mixing LCM;Pressure washer  
 (357 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 FUEL:6050 gallons  
 USED:1085 gallons  
 TOTAL FUEL USED:8975 gallons  
 Daily water hauled:1170 BBLS  
 Total water hauled:10,270 BBLS  
 Acc:2650 psi  
 Man:2650 psi  
 Ann:800 psi  
 Fluid:14"inches  
 BOP drills:Crew #1-52 sec Crew#2-66 sec

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/17/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 14

Depth At 06:00 : 4273.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 10

Morning Operations : Drilling ahead

## Remarks :

Time To	Description
7:30 AM	Drill float collar,cement,shoe
8:00 AM	Drill f/ 3610'ft to 3630'ft
10:00 AM	Circulate hole and displace water w/mud.Perform EMW test to 10ppg.
12:30 PM	Drill f/ 3630'ft to 3708'ft
1:00 PM	Rig service-Get slow pump rates on super choke.
6:00 PM	Drill f/ 3708'ft to 3915'ft.
7:00 PM	Loss circulation @ 3915'ft-Lost 200bbbls to hole.Mixing LCM to 15%.Shakers bypassed.Regain returns.Building volume.
6:00 AM	Drill f/ 3915'ft to 4273'ft-Sliding 10% Rot 90%

DSLTA:223  
 Safety Meetings:BOP drills;Pinch points  
 (357 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 FUEL:7135 gallons  
 USED:944 gallons  
 TOTAL FUEL USED:7890 gallons  
 Daily water hauled:0 BBLS  
 Total water hauled:9100 BBLS  
 Acc:2650 psi  
 Man:2650 psi  
 Ann:900 psi  
 Fluid:14"inches  
 BOP drills:Crew #1-52 sec Crew#2-66 sec

# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/16/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 13

Depth At 06:00 : 3610.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 9

Morning Operations : Drilling cement& float equipment

Time To	Description
8:30 AM	Finish displacement of 10.75" surface casing.Plug down @ 7:30 am.Floats held.Rig down cementing head & hard line to floor.
11:30 AM	Nipple down 16" Annular diverter and cut off casing.
1:00 PM	Rig up 200'ft 1" pipe.Top out 14.75" hole.Mixed & pumped 10bbbls 15.6ppg Class G cement w/ 2%KCL.Cement to surface & stayed.RD/Halliburton cement
3:30 PM	Weld on 10.75"5M x 13 5/8" Wellhead Inc. wellhead.
6:00 PM	NU/BOP,choke line,kill line,choke manifold,flowline.
12:30 AM	Test BOP's:Test upper/lower kelly valves,floor valves,blind rams,pipe rams,4"HCR,4"Manual,2"kill line valves,choke manifold to 5000#psi high test & 250#psi low test. Test Annular & surface casing to 1500#psi.Perform accumulator test-59sec.Filled accumulator bottles to 1100 psi precharge.
2:30 AM	MU/9.875"PDC bit,1.83 deg AKO mudmotor,MWD.Orient directional tools.
6:00 AM	TIH

## Remarks :

DSLTA:222  
 Safety Meetings:Nipple up/down  
 (357 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 FUEL:3590 gallons  
 USED:285 gallons  
 TOTAL FUEL USED:6946 gallons  
 Daily water hauled:1300 BBLS  
 Total water hauled:9100 BBLS  
 Acc:2650 psi  
 Man:2650 psi  
 Ann:900 psi  
 Fluid:14"inchess  
 BOP drills:

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/15/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 12

Depth At 06:00 : 3610.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 8

Morning Operations : Drilling ahead...

Time To	Description
10:30 AM	Drill f/3502'ft to 3610'ft-TD surface hole
1:30 PM	Pump sweep,circulate hole clean,flow check,Short trip to SWDP.
2:00 PM	Rig service
3:30 PM	Pump hi vis sweep & circulate hole clean.
6:00 PM	POOH to run casing
7:00 PM	LD/Mudmotor and turn off MWD tools-Rack back in derrick
12:00 AM	RU/Kimzey Casing Service,hold 15 min. safety meeting w/rig crew.Run(83Jts)3610'ft 10.75" 45.5# K55 Surface casing.RD/casing crew
6:00 AM	RU/Halliburton cement.Hold 15 min safety meeting w/rig crews.Wait one hour for Halliburton to get cement bin working.Mix & pump 20bbl gel spacer;Pumped 1660skts(538bbbls) Lead cement.Pumped 440skts(93bbbls)Tail cement.Dropped plug and pumped 343bbbls displacement.Plug down @ 07:30hrs.Pumped to 500psi over lift pressure of 1900psi to 2400psi to test floats.Hold 5 min.Floats held.Lost cement returns approx. 200 barrels into displacement.

Remarks :

DSLTA:221  
Safety Meetings:Rotary tools; Running casing & cementing  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:3870 gallons  
USED:7600 gallons  
TOTAL FUEL USED:6666 gallons  
Daily water hauled:0 BBLS  
Total water hauled:7800 BBLS  
Acc:2800 psi  
Man:2800 psi  
Ann:750 psi  
Fluid:14"inch  
BOP  
\*\*Notified Cade Taylor w/BLM/Vernal office about upcoming cement job.Contactd Dan Jarvis w/State of Utah about same job.\*\*

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/14/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 11

Depth At 06:00 : 3502.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 7

Morning Operations : Drilling ahead

Time To	Description
8:00 AM	Change mud motor & orient directional tools
10:00 AM	TIH
4:00 PM	Drill f/3086'ft to 3243'ft-Sliding 80% Rot 20%
4:30 PM	Rig service
6:00 AM	Drill f/ 3243'ft to 3502'ft-Sliding 75% Rot 25%

Remarks :

DSLTA:220  
Safety Meetings:Deviation;Scrubbing  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:4630 gallons  
USED:1040 gallons  
TOTAL FUEL USED:5906 gallons  
Daily water hauled:1170 BBLS  
Total water hauled:7800 BBLS  
Acc:2800 psi  
Man:2800 psi  
Ann:750 psi  
Fluid:14"inch  
BOP drills:

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/13/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 10

Depth At 06:00 : 3086.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 6

Morning Operations : POOH F/ MOTOR

FUEL 5:

Time To	Description
11:00 AM	DRLG. 2775 - 2890
11:30 AM	CIRC BOTTOMS UP
1:00 PM	POOH
2:00 PM	CHANGE BIT & MOTOR
3:30 PM	TRIP IN HOLE
2:00 AM	DRLG 2890 TO 3086 WONT SLIDE DRILL & BRING MUD WT UP TO 9.1 TO KILL GAS
2:30 AM	CIRC BOTTOMS UP
3:30 AM	POOH F/ MOTOR
5:00 AM	KELLY UP 10' ABOVE FLOOR FREE PIPE REAM OUT TIGHT SPOT @ 1096
6:00 AM	TRIP OUT OF HOLE

Remarks :

DSLTA:219  
Safety Meetings  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:5670 gallons  
USED:1323 gallons  
TOTAL FUEL USED:4866 gallons  
Daily water hauled:0 BBLS  
Total water hauled:6630 BBLS  
Acc:2700 psi  
Man:2700 psi  
Ann:1100 psi  
Fluid:  
BOP drills:  
Notified

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/12/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 9

Depth At 06:00 : 2775.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 5

Morning Operations : DRLG

FUEL 699:

Time To	Description
4:00 PM	DRLG. 2125-2449
4:30 PM	RIG SERVICE
1:30 AM	DRLG. 2449 - 2669
2:00 AM	WORK ON PUMP
6:00 AM	DRLG F/ 2669 TO 2775

Remarks :

DSLTA:218  
Safety Meetings  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:6993 gallons  
USED:1276 gallons  
TOTAL FUEL USED:4866 gallons  
Daily water hauled:390 BBLS  
Total water hauled:6630 BBLS  
Acc:2700 psi  
Man:2700 psi  
Ann:1100 psi  
Fluid:  
BOP drills:  
Notified



# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/11/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 8

Depth At 06:00 : 2125.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 4

Morning Operations : DRLG

Remarks :

Time To	Description
11:30 AM	DRLG. 1750 - 1893
12:00 PM	RIG SERVICE
9:30 PM	DRLG. 1893 - 2050
10:00 PM	CIRC BOTTOMS UP
11:30 PM	POOH - CHANGE BITS
2:00 AM	CHANGE MOTORS WORK ON MWD TOOLS
3:30 AM	TRIP IN HOLE
6:00 AM	DRLG. 2050- 2125

DSLTA:217  
Safety Meetings CHANGING BITS  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:3969 gallons  
USED:945 gallons  
TOTAL FUEL USED:3590 gallons  
Daily water hauled:0 BBLS  
Total water hauled:6240 BBLS  
Acc:2700 psi  
Man:2700 psi  
Ann:1100 psi  
Fluid:  
BOP drills:  
Notified

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/10/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 7

Depth At 06:00 : 1750.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 3

Morning Operations : DRLG.

FUEL 4!

Time To	Description
5:30 PM	DRLG. - 1325 TO 1632
6:00 PM	RIG SERVICE
10:00 PM	POOH CHANGE BITS START IN
10:30 PM	REAM 1147 TO 1177
11:00 PM	TRIP ON IN 4 STDS
12:00 AM	REAM 1494 TO BOTTOM ( 1632 )
6:00 AM	DRLG 1632 TO 1750

Remarks :

DSLTA:216  
Safety Meetings TIGHT HOLE  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:4914 gallons  
USED:945 gallons  
TOTAL FUEL USED:3590 gallons  
Daily water hauled:520 BBLS  
Total water hauled:6240 BBLS  
Acc:2700 psi  
Man:2700 psi  
Ann:1100 psi  
Fluid:  
BOP drills:  
Notified

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE-** Other instructions on reverse side.

1. Type of Well  
☐ Oil Well ☐ ☒ Gas Well ☐ Other

2. Name of Operator  
**Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.  
**BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name  
**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.  
**N/A**

8. Well Name and No.  
**# 7-8-45 BTR**

9. API Well No.  
**43-013-33820**

10. Field and Pool, or Exploratory Area  
**ALTAMONT**

11. County or Parish, State  
**DUCHESNE COUNTY**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Drilling Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Weekly drilling activity report from 8/18/08 - 8/25/2008.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**

Title **Permit Analyst**

Signature

*Reed Haddock*

Date

**08/25/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**AUG 27 2008**

DIV. OF OIL, GAS & MINING

# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/25/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 22

Depth At 06:00 : 6561.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 18

Morning Operations : Tripping

## Remarks :

Time To	Description
7:00 AM	RU/Weatherford TRS to pickup 4" DP.
8:00 AM	MU/6.75" PDC on mudmotor.PU/directional tools.,set AKO to .78deg.,orient directional tools.Could not get 6.75" PDC into 7.625" casing at wellhead.Reduce bit size to 6.5".
9:00 AM	Picking up 4" drillpipe and run into 5971'ft,Bit taking wt.RD/laydown crew.
2:00 PM	Circulate,string trying to packoff & plug.
2:30 PM	Pull 5 stands and kelly up.Circulate to clean hole.
7:30 PM	Wash & ream f/5971 to 6112-Stage in 1 stand at a time to keep from packing off and pressuring up.Ream cement.Drill float equip @ 6178'ft,drill shoe @ 6219'ft,drill cement to 6239'ft.Perform EMW test to 10.2 ppg.
11:30 PM	Drill new formation f/6450'ft to 6561'ft-Had a 400psi pressure increase.
1:00 AM	Circulate bottoms up,flow check,pump dry job
4:00 AM	POOH-string wet after 1 stand-plugged bit
6:00 AM	LD/Bit,MM,MWD tool carrier.Plugged w/ rubber from MWD centralizers.Clean out tool carrier.Change out monel DC,MWD.MU/new PDC bit,MM,directional tools.Orient directional tools.

DSLTA:232  
 Safety Meetings:BOP responsibilities  
 (358 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 (259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
 (36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
 FUEL:3780 gallons  
 USED:368 gallons  
 TOTAL FUEL USED:13598 gallons  
 Daily water hauled:0 BBLS  
 Total water hauled:13,230 BBLS  
 Acc:2650 psi  
 Man:2650 psi  
 Ann:800 psi  
 Fluid:14"inches  
 BOP drills:Crew #1-52 sec Crew#2-45 sec

# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/24/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 21

Depth At 06:00 : 6450.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 17

Morning Operations : Picking up drillpipe

Time To	Description	Remarks :
8:00 AM	Finish running 7.625 intermediate casing.RD/casing crew.Install cementing head,fill casing-no fluid returns.	DSLTA:231 Safety Meetings:Setting casing slips;PU drillpipe (358 )JTS 5" IF Conn. DP (24 ) 6 1/2"DC's (5)8" DC (30)5"IF Conn SWDP-Rental Thomas Oil Tools FUEL:4148 gallons USED:364 gallons TOTAL FUEL USED:15,026 gallons Daily water hauled:0 BBLS Total water hauled:13,230 BBLS Acc:2650 psi Man:2650 psi Ann:800 psi Fluid:14"inch
10:00 AM	Mix LCM.Regained fluid returns.Circulate bottoms up.	BOP drills:Crew #1-52 sec Crew#2-66 sec
1:00 PM	RU/Halliburton.Hold 15 min safety meeting w/rig crews on pressurized pump lines.Mix & pump 77bbls(240sks)12.7#Lead Cement -Halliburton Light Premium w/ .125#/bbl Poly E Flake. .3%Halad R322,.2%HR-5. Start tail cement 42bbls(205sks)15.8#Tail cement w/.125#/bbl Poly E Flake,.2%Halad R-322,.2% Halad R-344,.2% HR 5.Drop plug & pump 275bbls displacement.Plug down @ 12:00 noon.Went 500psi over to test floats,Floats held.RD/Halliburton	Contacted Dan Jarvis w/State of Utah & Paul Buhler/Cade Taylor w/BLM in Vernal about cementing intermediate casing string.
3:00 PM	WOC	
6:00 PM	ND/BOP,pick up BOP,set slips w/250K.String wt 210K.Pulled 40K over.Set slips w/30K down.C/O casing.	
7:30 PM	NU/BOP,flowline,choke line.Open pipe ram doors to change to 4" pipe rams.	
3:00 AM	PU /4 1/4" Hex kelly,upper kelly valve,install drive bushings,PU/MU lower kelly valve,saver sub.Unload 4"tubulars & install 4" piperams	
5:00 AM	RU/B&C Quik test:Test kelly,upper & lower kelly valves,FOFV,Inside BOP valve,Pipe rams,choke line to 5000#psi.Test casing to 1500#psi.RD testers.	
6:00 AM	RU/Weatherford TRS laydown machine.Hold 15 min safety meeting on 40'ft buffer zone f/V door end of sub.Picking up 4"DP	

# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/23/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 20

Depth At 06:00 : 6450.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 16

Morning Operations : Running 7.625" Intermediate casing

Time To	Description	Remarks :
5:30 PM	Circulate-waiting on casing to arrive @10am. Clean,drift,tally casing.	DSLTA:229 Safety Meetings:LDDP,Run casing (358 )JTS 5" IF Conn. DP (24 ) 6 1/2"DC's (5)8" DC (30)5"IF Conn SWDP-Rental Thomas Oil Tools FUEL:4512 gallons USED:876 gallons TOTAL FUEL USED:14,662 gallons Daily water hauled:390 BBLS Total water hauled:13,230 BBLS Acc:2650 psi Man:2650 psi Ann:800 psi Fluid:14"ches BOP drills:Crew #1-52 sec Crew#2-66 sec
10:00 PM	Hold 15 min safety meeting w rig crews on LDDP.Flow check,pump dry job,LDDP,SWDP.	
6:00 AM	RU/Weatherford TRS casing crew,hold 15 min safety meeting w/rig crews.Ran (95 of144 jts)6219'ft 7.625" 33.7# P110 Intermediate casing	

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/22/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 19

Depth At 06:00 : 6450.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 15

Morning Operations : Circulating-waiting on 7.625" intermediate casing

Time To	Description	Remarks :
12:00 PM	Logging well w/Baker Atlas.Logs to bottom @6:30am.Loggers depth 6445'ft.Running Triple combo w/SP& Spectral Gamma Ray.Rig down loggers	DSLTA:228 Safety Meetings:Tripping pipe;Working w/new personnel (358 )JTS 5" IF Conn. DP (24 ) 6 1/2"DC's (5)8" DC (30)5"IF Conn SWDP-Rental Thomas Oil Tools FUEL:5412 gallons USED:447 gallons TOTAL FUEL USED:14,662 gallons Daily water hauled:910 BBLS Total water hauled:12,480 BBLS Acc:2650 psi Man:2650 psi Ann:800 psi Fluid:14"ches BOP drills:Crew #1-52 sec Crew#2-66 sec
2:30 PM	MU/PDC bit,bit sub w/float.TIH to 3500'ft.Break circulation.Plugged drillstring.	
5:00 PM	POOH wet.Unplug string @ bit sub & float.Packed off w/LCM.	
8:00 PM	MU/bit,bit sub-leave float out-TIH.	
9:00 PM	Ream 8 joints to 6450'ft	
6:00 AM	Circulate-wait on 7 5/8" Intermediate casing to arrive.	

# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/21/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 18

Depth At 06:00 : 6450.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 14

Morning Operations : Logging

Time To	Description	Remarks :
6:00 AM	Change MWD batteries,scribe mudmotor.orient directional tools	DSLTA:227 Safety Meetings:Adjusting brakes;Tripping pipe (358 )JTS 5" IF Conn. DP
10:30 AM	TIH	(24 ) 6 1/2"DC's (5)8" DC
2:00 PM	Drill f/ 6248'ft to 6330'ft-Sliding 80% Rot 20%	(30)5"IF Conn SWDP-Rental Thomas Oil Tools
2:30 PM	Rig service	FUEL:5860 gallons USED: 1269 gallons
6:30 PM	Drill f/ 6230'ft to 6450'ft-TD for intermediate hole.-Sliding 20% Rot 80%	TOTAL FUEL USED:14,214 gallons Daily water hauled:0 BBLS
8:00 PM	Pump hi vis sweep.Circulate hole clean.	Total water hauled:11,570 BBLS
10:30 PM	POOH-laydown 8 jts in V door.PU kelly and ream & wash 8jts to botton @ 6450'ft	Acc:2650 psi Man:2650 psi
11:30 PM	Pump hi vis sweep-circulate hole clean.Flow check,Pump dry job.	Ann:800 psi Fluid:14"ches
3:00 AM	POOH f/logs	BOP drills:Crew #1-52 sec Crew#2-66 sec
4:00 AM	LD/directional tools-Release directional company.	
6:00 AM	RU/Baker Atlas Logging;Hold 15 min safety meeting w/ rig crews.	

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/20/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 17

Depth At 06:00 : 6248.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 13

Morning Operations : Orienting directional tools

Time To	Description	Remarks :
3:00 PM	Drill f/ 5662'ft to6013'ft Sliding 20% Rot 80%	DSLTA:226 Safety Meetings:Mousehole pipe,Inspecting drillpipe tooljoints
3:30 PM	Rig service	(356 )JTS 5" IF Conn. DP-(2)bad joints Total 358 Jts
12:30 AM	Drill f/ 6013'ft to 6248'ft-Mudmotor stalling out when trying to slide.	(24 ) 6 1/2"DC's (5)8" DC
1:30 AM	Circulate bottoms up,mix dry job,flow check,pump dry job	(30)5"IF Conn SWDP-Rental Thomas Oil Tools
5:00 AM	POOH	FUEL:2640 gallons USED:2080 gallons (800gal used in mud system)
6:00 AM	LD/mudmotor,x/o PDC bit.PU/mm & bit,set AKO to 1.83 deg.Orient directional tools	TOTAL FUEL USED:12,945 gallons Daily water hauled:1300 BBLS
		Total water hauled:11,570 BBLS
		Acc:2650 psi
		Man:2650 psi
		Ann:800 psi
		Fluid:14"ches
		BOP drills:Crew #1-52 sec Crew#2-66 sec

# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/19/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 16

Depth At 06:00 : 5662.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 12

Morning Operations : Drilling ahead

Time To	Description
2:30 PM	Drill f/ 4970'ft to 5255'ft-Sliding 90%-Rot 10%
3:00 PM	Rig service-Slow pump rates
6:00 AM	Drill f/ 5255'ft to 5662'ft-Rot 70% Sliding 30%-Mud losses 10bbl/hr

Remarks :

DSLTA:225  
Safety Meetings:Rig service;Manual lifting  
(356 )JTS 5" IF Conn. DP-(2)bad joints Total 358 Jts  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:4720 gallons  
USED:1330 gallons  
TOTAL FUEL USED:10,305 gallons  
Daily water hauled:1170 BBLS  
Total water hauled:10,270 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14"ches  
BOP drills:Crew #1-52 sec Crew#2-66 sec

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/18/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 15

Depth At 06:00 : 4970.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 11

Morning Operations : Drilling ahead

Time To	Description
5:30 PM	Drill f/ 4273'ft to 4623'ft-Rot 90% Sliding 10%.Took 150bbl mud loss to hole @ 4310'ft.Increased LCM content to 18-20% to stop losses.Lost total of 374bbls to hole f/ 6am to 1pm.Shakers bypassed.MW- 8.8ppg
6:00 PM	Rig service.
6:00 PM	Drill f/ 4623'ft to 4970'ft-Rot 95% Sliding 5%-Hole still taking 10bbl/hr mud.

Remarks :

DSLTA:224  
Safety Meetings:Mixing LCM;Pressure washer  
(357 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
FUEL:6050 gallons  
USED:1085 gallons  
TOTAL FUEL USED:8975 gallons  
Daily water hauled:1170 BBLS  
Total water hauled:10,270 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14"ches  
BOP drills:Crew #1-52 sec Crew#2-66 sec

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
**Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.  
**BIA-EDA-20G0005608**

6. If Indian, Allottee or Tribe Name  
**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.  
**N/A**

8. Well Name and No.  
**# 7-8-45 BTR**

9. API Well No.  
**43-013-33820**

10. Field and Pool, or Exploratory Area  
**ALTAMONT**

11. County or Parish, State  
**DUCHESNE COUNTY**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Drilling Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Weekly drilling activity report from 8/25/08 - 9/3/2008. Final drilling activity report.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**

Title **Permit Analyst**

Signature

*Reed Haddock*

Date

**09/03/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**SEP 08 2008**

**DIV. OF OIL, GAS & MINING**



# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 9/3/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 31

Depth At 06:00 : 8530.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 27

Morning Operations : RELEASE RIG 6:00 AM / RIG DOWN

Time To	Description
9:30 AM	TRIP IN W/ DP LINER ON BOTTOM WASHING TIGHT SPOTS
10:30 AM	CIRC CASING
1:00 PM	CEMENT W/ HALLIBURTON PUMP 257 SX 50/50 POS BUMP PLUG AT 12:32 FLOATS HELD SEE COMMENTS IN CEMENTING DETAILS
2:00 PM	CIRC EXCESS IF ANY TO SURFACE / RU LD CREW
9:00 PM	LDDP & DCS / KELLY
6:00 AM	CLEAN MUD TANKS / NIPPLE DOWN RELEASE RIG 0600 9/3/08

## Remarks :

DSLTA:242  
Safety Meetings: SERVICEING FORK LIFT  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
(259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
(36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
FUEL:5670 gallons  
USED:472 gallons  
TOTAL FUEL USED:19,956 gallons  
Daily water hauled:130 BBLS  
Total water hauled:14,785 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14" inches  
BOP drills:Crew #1-45 sec Crew#2-45 sec  
NOTIFIED PAUL W/ BLM OF CASING & CEMENT JOB  
@ 5:00PM 9-1-08

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 9/2/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 30

Depth At 06:00 : 8530.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 26

Morning Operations : TRIP IN HOLE W/ DP W/ LINER ON BOTTOM

FUEL €

Time To	Description
7:00 AM	CIRC F/ LOGS
11:00 AM	POOH F/ LOGS S.L.M.
8:00 PM	LOG WELL W/ BAKER HUGHES
2:00 AM	RIG UP & RUN 62 JTS 23# 5.5 LINER 2836.79'
3:30 AM	RD CASERS PU HANGER
6:00 AM	TRIP I N HOLE SLOW W/ DP LINER ON BOTTOM

Remarks :

DSLTA:241  
Safety Meetings: SERVICEING FORK LIFT  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
(259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
(36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
FUEL:6142 gallons  
USED:473 gallons  
TOTAL FUEL USED:19,484 gallons  
Daily water hauled:130 BBLS  
Total water hauled:14,785 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14"inch  
BOP drills:Crew #1-45 sec Crew#2-45 sec  
NOTIFIED PAUL W/ BLM OF CASING & CEMENT JOB  
@ 5:00PM 9-1-08

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 9/1/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 29

Depth At 06:00 : 8530.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 25

Morning Operations : SHORT TRIP

FUEL 6

Time To	Description
12:30 PM	DRLG. 8165 8232
1:30 PM	CIRC. BOTTOMS UP
6:00 PM	POOH LD DIR. TOOLS
9:00 PM	TRIP IN HOLE
3:00 AM	DRLG 8232 TO 8530
4:30 AM	CIRC & COND. HOLE
6:00 AM	SHORT TRIP TO 7600'

Remarks :

DSLTA:240  
Safety Meetings: SERVICEING FORK LIFT  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
(259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
(36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
FUEL:6615 gallons  
USED:850 gallons  
TOTAL FUEL USED:19,484 gallons  
Daily water hauled:130 BBLS  
Total water hauled:14,785 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14"inch  
BOP drills:Crew #1-45 sec Crew#2-45 sec

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/31/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 28

Depth At 06:00 : 8165.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 24

Morning Operations : DRLG

FUEL

Time To	Description
3:30 PM	DRLG. F/ 7920 TO 8014
4:00 PM	RIG SERVICE
6:00 AM	DRLG. F/ 8014 TO 8165

Remarks :

DSLTA:239  
 Safety Meetings: LIGHTING FLARE BUCKETT  
 (358 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 (259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
 (36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
 FUEL:7465 gallons  
 USED:756 gallons  
 TOTAL FUEL USED:18,634 gallons  
 Daily water hauled:0 BBLS  
 Total water hauled:14,655 BBLS  
 Acc:2650 psi  
 Man:2650 psi  
 Ann:800 psi  
 Fluid:14" inches  
 BOP drills:Crew #1-45 sec Crew#2-45 sec

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/30/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 27

Depth At 06:00 : 7920.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 23

Morning Operations : DRLG

Time To	Description
3:30 PM	DRLG. 7725 - 7856
4:00 PM	RIG SERVICE
6:00 PM	DRLG. F/ 7856 TO 7888
6:30 PM	CIRC. BOTTOMS UP
9:30 PM	POOH
11:30 PM	CHANGE OUT MOTORS BIT OREAINATE TOOL C.O. BATTARES
1:00 AM	TRIP IN HOLE TO 7700
2:00 AM	WASH/REAM 7700 TO BOTTOM
6:00 AM	DRLG. 7888 TO 7920

Remarks :

DSLTA:238  
 Safety Meetings:  
 (358 )JTS 5" IF Conn. DP  
 (24 ) 6 1/2"DC's  
 (5)8" DC  
 (30)5"IF Conn SWDP-Rental Thomas Oil Tools  
 (259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
 (36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
 FUEL:8221 gallons  
 USED:595 gallons  
 TOTAL FUEL USED:17,878 gallons  
 Daily water hauled:260 BBLS  
 Total water hauled:14,655 BBLS  
 Acc:2650 psi  
 Man:2650 psi  
 Ann:800 psi  
 Fluid:14" inches  
 BOP drills:Crew #1-45 sec Crew#2-45 sec

# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/29/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 26

Depth At 06:00 : 7725.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 22

Morning Operations : DRLG.

Time To	Description
3:30 PM	DRLG.F/ 7375 7539
4:00 PM	RIG SERVICE
6:00 AM	DRLG. 7539 7725

## Remarks :

DSLTA:237  
Safety Meetings:  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
(259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
(36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
FUEL:4630 gallons  
USED:945 gallons  
TOTAL FUEL USED:17,283 gallons  
Daily water hauled:0 BBLS  
Total water hauled:14,370 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14" inches  
BOP drills:Crew #1-45 sec Crew#2-45 sec

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/28/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 25

Depth At 06:00 : 7375.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 21

Morning Operations : DRLG

Time To	Description
8:00 AM	POOH / LD MOTOR
8:30 AM	RIG SERVICE / CHECK RAMS
10:30 AM	WAIT ON BIT
1:00 PM	TRIP IN HOLE
6:00 AM	DRLG. F/ 7060- 7375

## FUEL

## Remarks :

DSLTA:236  
Safety Meetings:  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
(259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
(36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
FUEL:5575 gallons  
USED:661 gallons  
TOTAL FUEL USED:16338 gallons  
Daily water hauled:360 BBLS  
Total water hauled:14,370 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14" inches  
BOP drills:Crew #1-45 sec Crew#2-45 sec

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/27/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 24

Depth At 06:00 : 7060.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 20

Morning Operations : TOH

Time To	Description
7:00 AM	Circulating waiting to hear from hotshot driver w/mudmotors before TOH.
10:00 AM	POOH
12:30 PM	LD/mudmotor.PU/new mudmotor.Could turn drive sub by hand,LD/mudmotor.PU/mudmotor #2.MU bit, set AKO to 1.85 deg,change batteries in MWD too,orient directional tools
3:00 PM	TIH
12:30 AM	Drill f/ 6965'ft to 7060'ft-Sliding 90% Rot- 10%
1:30 AM	Circulate bottoms up,flow check,pump dry job
2:00 AM	POOH to check AKO setting.
3:00 AM	Pull 15 stands-Flow check-Well flowing-kellu up.Circulate bottoms up-No gas
4:00 AM	TIH 15 stands to bottom @7060'ft
5:00 AM	Circulate bottoms up-300 units trip gas-circulate gas to less than 100units.Flow check-No flow.Pump dry job
6:00 AM	POOH f/mudmotor

## Remarks :

DSLTA:235  
Safety Meetings:Changing mudmotors;Flow checks  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
(259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
(36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
FUEL:6237 gallons  
USED:567 gallons  
TOTAL FUEL USED:15,677 gallons  
Daily water hauled:0 BBLS  
Total water hauled:14,010 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14" inches  
BOP drills:Crew #1-45 sec Crew#2-45 sec

# REGULATORY DRILLING SUMMARY



Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/26/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 23

Depth At 06:00 : 6962.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 19

Morning Operations : Drilling

Time To	Description
6:30 AM	Orient directional tools.
7:00 AM	TIH 11 stands
9:00 AM	Slip & cut drilling line
10:30 AM	TIH
1:00 PM	Drill f/ 6561'ft to 6679'ft
1:30 PM	Rig service
4:00 AM	Drillf/ 6679'ft to 6962'ft-Sliding 100%
6:00 AM	Circulate bottom up to TOH,waiting on mudmotors to arrive.

## Remarks :

DSLTA:233  
Safety Meetings:Tripping;Communication  
(358 )JTS 5" IF Conn. DP  
(24 ) 6 1/2"DC's  
(5)8" DC  
(30)5"IF Conn SWDP-Rental Thomas Oil Tools  
(259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools)  
(36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools)  
FUEL:6804 gallons  
USED:1512 gallons  
TOTAL FUEL USED:15,110 gallons  
Daily water hauled:780 BBLS  
Total water hauled:14,010 BBLS  
Acc:2650 psi  
Man:2650 psi  
Ann:800 psi  
Fluid:14" inches  
BOP drills:Crew #1- sec Crew#2-45 sec

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : #7-8-45 BTR

Phase/Area : Black Tail Ridge

Operations Date : 8/25/2008

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Report # : 22

Depth At 06:00 : 6561.00

Estimated Total Depth : 9867.00

Surface Location : SWNE-4S-5W-W30M

Spud Date : 8/7/2008

Days From Spud : 18

Morning Operations : Tripping

Time To	Description	Remarks :
7:00 AM	RU/Weatherford TRS to pickup 4" DP.	DSLTA:232
8:00 AM	MU/6.75" PDC on mudmotor.PU/directional tools,,set AKO to .78deg.,orient directional tools.Could not get 6.75" PDC into 7.625" casing at wellhead.Reduce bit size to 6.5".	Safety Meetings:BOP responsibilities (358 )JTS 5" IF Conn. DP (24 ) 6 1/2"DC's (5)8" DC (30)5"IF Conn SWDP-Rental Thomas Oil Tools (259)Jts 4" 14.00# FH Conn DP(Rental Knight Oil Tools) (36) Jts 4" SWDP FH Conn(Rental Knight Oil Tools) FUEL:3780 gallons USED:368 gallons TOTAL FUEL USED:13598 gallons Daily water hauled:0 BBLS Total water hauled:13,230 BBLS Acc:2650 psi Man:2650 psi Ann:800 psi Fluid:14"inchess BOP drills:Crew #1-52 sec Crew#2-45 sec
9:00 AM	Picking up 4" drillpipe and run into 5971'ft,Bit taking wt.RD/laydown crew.	
2:00 PM	Circulate,string trying to packoff & plug.	
2:30 PM	Pull 5 stands and kelly up.Circulate to clean hole.	
7:30 PM	Wash & ream f/5971 to 6112-Stage in 1 stand at a time to keep from packing off and pressuring up.Ream cement.Drill float equip @ 6178'ft,drill shoe @ 6219'ft,drill cement to 6239'ft.Perform EMW test to 10.2 ppg.	
11:30 PM	Drill new formation f/6450'ft to 6561'ft-Had a 400psi pressure increase.	
1:00 AM	Circulate bottoms up,flow check,pump dry job	
4:00 AM	POOH-string wet after 1 stand-plugged bit	
6:00 AM	LD/Bit,MM,MWD tool carrier.Plugged w/ rubber from MWD centralizers.Clean out tool carrier.Change out monel DC,MWD.MU/new PDC bit,MM,directional tools.Orient directional tools.	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
**Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.

**BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**# 7-8-45 BTR**

9. API Well No.

**43-013-33820**

10. Field and Pool, or Exploratory Area

**ALTAMONT**

11. County or Parish, State

**DUCHESNE COUNTY**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Completion Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Weekly completion activity report from 10/29/08 - 11/17/2008.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**

Title **Permit Analyst**

Signature

*Reed Haddock*

Date

**11/17/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**NOV 19 2008**

**U.S. DEPT. OF OIL, GAS & MINING**



# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 10/29/2008

Report # : 3

AFE # : 14733D

Summary : RU LW WL RIH w/ CBL tool stack out @ +/- 6050', POOH and tool was caked w/ cement, RIH w/ weight bars, make it to 6125' POOH, RU rig PU TBG.

End Time	Description
8:00 AM	NU weatherford frac stack.
12:00 PM	LWWL WL MI/RU, RIH w/ CBL logging tool, stack out @ 6050', tried to push through made no hole, POOH CBL tool had cement in it when layed down, PU and RIH w/ sinker bars, to 6125' and cant make anymore hole, POOH LD sinker bars, WL RD/MO.
3:00 PM	wait on rig.
4:30 PM	rig MI/RU.
5:30 PM	wait in mechanic to fix rig.
7:00 PM	PU/MU 4 1/2" bit and sub, TIH on 46 JTS TBG,
6:00 AM	SWIFN, SDFN.

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 9/22/2008

Report # : 2

AFE # : 14733D

Summary :

End Time Description

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 9/10/2008

Report # : 1

AFE # : 14733D

Summary : Facility Cost Update Page

End Time	Description
6:00 AM	Enter the description here

# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 10/31/2008

Report # : 5

AFE # : 14733D

Summary : TOH w/ TBG, lone wolf CBL, TIH w/ TBG and LD on trailer.

End Time	Description
9:00 AM	TOH w/ TBG, stand back in derek.
12:00 PM	RU lone wolf WL, RIH w/ CBL tool to PBTD @ 8460' bond log well.
12:30 PM	RD lone wolf WL.
2:00 PM	TIH w/ TBG out of derek.
5:30 PM	LD TBG on TBG trailer. 100 JTS LD SDFN
6:06 AM	SWIFN

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 10/30/2008

Report # : 4

AFE # : 14733D

Summary : PU and TIH w/ TBG to 6015' circulate out drilling mud, TIH tag PBTD @ 8429' circulate hole clean, TOH w/ TBG EOT 4550' 7 5/8" TBG, LINER TOP @ 5671' TO 5 1/2" CSG, PBTD @ 8429'

End Time	Description
11:00 AM	PU TBG, start to displace drilling mud while TIH w/ TBG, TIH to 6015'
12:00 PM	RU pump and lines, circulate hole, gettin mud back on returns.
2:30 PM	PU and TIH w/ TBG, JT # 256 tag PBTD @ 8429'
4:00 PM	RU rig pump and circulate hole clean
5:30 PM	TOH w/ TBG EOT @ 4550', above liner top. SDFN
6:00 AM	SWIFN

# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/12/2008

Report # : 7

AFE # : 14733D

Summary : SLB WL MI/RU, shoot perfs  
RUWL & PERF STAGE # 1/8 FROM  
8232' - 8284' (12 TOTAL HOLES).

End Time

Description

12:00 PM

SLB WL MI/RU.

2:00 PM

WELL HAS 0 # PSI SICP, OPENED WELL, RIH WITH SLB WL  
TO PERF STAGE # 1,

PERFORATE AS FOLLOWS:

8232' - 8236' 12 - SHOTS

8280' - 8283' 12 - SHOTS

24 - TOTAL SHOTS, NO CHANGE IN PRESSURE AFTER  
PERFORATING  
POOH WITH WIRELINE AND GUNS

3:00 PM

POOH w/ WL. SDFN

6:00 AM

SWIFN

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/1/2008

Report # : 6

AFE # : 14733D

Summary : LD TBG, RD rig and equipment. SWI

End Time

Description

8:30 AM

wait on rig crew, had morning company safety meeting.

11:30 AM

LD TBG on trailer, LD bit and bit sub.

1:00 PM

ND BOP, NU frac stack.

2:00 PM

RD rig and equipment.

6:00 AM

SWI MO location.

# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/13/2008

Report # : 8

AFE # : 14733D

Summary : SLB frac MI/RU, frac stage 1/8 and over  
flush 35 BBLS, RU SLB WL and plug  
and perf stage # 2,

End Time

Description

1:00 PM

SLB frac MI/RU, having troubles w/ crane, had to wait on other

4:00 PM

test lines and well head, safety meeting,  
FRAC STAGE # 1/8 AS FOLLOWS (STAGE 1 FOR DAY):

FRAC STAGE # 1/8 : 42.8 BBLS 15%  
HCL ACID, 700.2 BBLS OF SLICK  
WATER & 957.4 BBLS OF 20 & 18#  
CROSSLINKED, 52161 # 20/40  
JORDAN UNIMIN WHITE SAND, 23947  
# AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.74 (21 OUT  
OF 24 PERFS OPEN)  
POST FRAC GRADIENT = 0.77  
FLUID TO RECOVER FROM STAGE:  
1709 BBLS

TOOK 4 BBLS OF SLICK WATER PRIOR TO FORMATION  
BREAKING BACK TO 3544 PSI @ 5 BPM. PUMP 42.8 BBLS  
15% HCL, & 12.5 BBLS CHAMPION FLUID @ 46 BPM @ 6100  
PSI FORMATION BROKE BACK TO 6080 PSI WITH ACID ON  
FORMATION.

START STEP DOWN TEST:

ISIP: 2590 PSI (F.G. =0.74) (21 OUT OF 24 PERFS OPEN)

RUWL & PERF STAGE # 2/8 FROM  
7803' - 8031' (42 TOTAL HOLES).

POST STEP DOWN:

STEP DOWN: BBLS @ BPM PSI ATP

334.6 BBLS OF PRE PAD SLICK WATER @ 35.2 BPM 5274 PSI  
ATP

214.3 BBLS OF PAD @ 14.2 BPM 2499 PSI ATP

192.6 BBLS OF 1.00 PPA 20/40 JORDAN-UNIMIN @ 45.9 BPM  
4877 PSI ATP

221.0 BBLS OF 2.00 PPA 20/40 JORDAN-UNIMIN @ 46.1 BPM  
5541 PSI ATP

153.5 BBLS OF 3.00

5:00 PM

SLB frac mis calculated flush and pumped 35 BBLS over, RU SLB  
WL.

7:00 PM

RIH w/ plug and guns, set plug @ 8082' shot one set and gun  
switches not reading, POOH

9:00 PM

WELL HAS 2200 # PSI SICP, OPENED WELL, RIH WITH SLB  
WL TO SET CFP AND TO PERF STAGE # 2, SET CFP @ 8082'

PERFORATE AS FOLLOWS:

7803' - 7805' 6 - SHOTS

7822' - 7822' 6 - SHOTS

7877' - 7879' 6 - SHOTS

7965' - 7968' 9 - SHOTS

7983' - 7985' 6 - SHOTS

8028' - 8031' 9 - SHOTS

42 - TOTAL SHOTS, NO CAHANGE IN PRESSURE AFTER  
PERFORATING  
POOH WITH WIRELINE AND GUNS

# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/13/2008

Report # : 8

AFE # : 14733D

Summary : SLB frac MI/RU, frac stage 1/8 ond over  
flush 35 BBLS, RU SLB WL and plug  
and perf stage # 2,

End Time

6:00 AM

SWIFN

Description

FRAC STAGE # 1/8 : 42.8 BBLS 15%  
HCL ACID, 700.2 BBLS OF SLICK  
WATER & 957.4 BBLS OF 20 & 18#  
CROSSLINKED, 52161 # 20/40  
JORDAN UNIMIN WHITE SAND, 23947  
# AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.74 (21 OUT  
OF 24 PERFS OPEN)  
POST FRAC GRADIENT = 0.77  
FLUID TO RECOVER FROM STAGE:  
1709 BBLS

RUWL & PERF STAGE # 2/8 FROM  
7803' - 8031' (42 TOTAL HOLES).

# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/14/2008

Report # : 9

AFE # : 14733D

Summary : FRAC STAGE # 2 of 8 : 25.0 BBLS 15%  
HCL ACID, 12.5 BBLS CHAMPION  
FLUID, 676.3 BBLS OF SLICK WATER  
& 2337.8 BBLS OF 20 & 18#  
CROSSLINKED, 78730 # 20/40  
JORDAN UNIMIN WHITE SAND, 38781  
# AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.74 (34 OUT  
OF 42 PERFS OPEN)  
POST FRAC GRADIENT = 0.76  
FLUID TO RECOVER FROM STAGE:  
2924 BBLS

End Time

Description

9:30 AM

SLB frac rig up and try to test equipment but flange on frac stack  
leaking, change out ring.

11:00 AM

FRAC STAGE # 2 of 8 AS FOLLOWS (STAGE 1 FOR DAY):

TOOK 1 BBLS OF SLICK WATER PRIOR TO FORMATION  
BREAKING BACK TO 3741 PSI @ 6 BPM. PUMP 25.0 BBLS  
15% HCL, & 12.5 BBLS CHAMPION FLUID @ 56.3 BPM @ 4600  
PSI FORMATION BROKE BACK TO 4270 PSI WITH ACID ON  
FORMATION.

START STEP DOWN TEST:

ISIP: 2440 PSI (F.G. =0.74) (34 OUT OF 42 PERFS OPEN)

RUWL & PERF STAGE # 3 of 8 FROM  
7579' - 7738' (39 TOTAL HOLES).  
FRAC STAGE # 3 of 8 : 36.3 BBLS 15%  
HCL ACID, 12.5 BBLS CHAMPION  
FLUID, 645.8 BBLS OF SLICK WATER  
& 1416.8 BBLS OF 20 & 18#  
CROSSLINKED, 53436 # 20/40  
JORDAN UNIMIN WHITE SAND, 24564  
# AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.74 (29 OUT  
OF 39 PERFS OPEN)  
POST FRAC GRADIENT = 0.76  
FLUID TO RECOVER FROM STAGE:  
1673 BBLS

1:00 PM

POST STEP DOWN:

STEP DOWN: BBLS @ BPM PSI ATP

378.6 BBLS OF PRE PAD SLICK WATER @ 26.9 BPM 3451 PSI  
ATP

404.8 BBLS OF PAD @ 56.3 BPM 3790 PSI ATP

267.0 BBLS OF 0.25 PPA-20/40 JORDAN-UNIMIN @ 59.8 BPM  
3917 PSI ATP

276.0 BBLS OF 0.50 PPA 20/40 JORDAN-UNIMIN @ 59.6 BPM  
3753 PSI ATP

283.8 BBLS OF 0.75 PPA 20/40 JORDAN-UNIMIN @ 59.8 BPM  
3678

WELL HAS 2200 # PSI SICP, OPENED WELL, RIH WITH SLB  
WL TO SET CFP AND TO PERF STAGE # 3, SET CFP @ 7770'

RUWL & PERF STAGE # 4 of 8 FROM  
7304' - 7495' (42 TOTAL HOLES).  
FRAC STAGE # 4 of 8 : 46.2 BBLS 15%  
HCL ACID, 13.3 BBLS CHAMPION  
FLUID, 623.3 BBLS OF SLICK WATER  
& 2460.6 BBLS OF 20 & 18#  
CROSSLINKED, 82664 # 20/40  
JORDAN UNIMIN WHITE SAND, 37536  
# AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.69 (32 OUT  
OF 42 PERFS OPEN)  
POST FRAC GRADIENT = 0.71  
FLUID TO RECOVER FROM STAGE:  
3013 BBLS

PERFORATE AS FOLLOWS:

7579' - 7581' 6 - SHOTS

7605' - 7607' 6 - SHOTS

7638' - 7640' 6 - SHOTS

7660' - 7662' 9 - SHOTS

7674' - 7676' 6 - SHOTS

7735' - 7738' 9 - SHOTS

39 - TOTAL SHOTS, NO CAHANGE IN PRESSURE AFTER  
PERFORATING  
POOH WITH WIRELINE AND GUNS

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/14/2008

Report # : 9

AFE # : 14733D

Summary : FRAC STAGE # 2 of 8 : 25.0 BBLS 15% HCL ACID, 12.5 BBLS CHAMPION FLUID, 676.3 BBLS OF SLICK WATER & 2337.8 BBLS OF 20 & 18# CROSSLINKED, 78730 # 20/40 JORDAN UNIMIN WHITE SAND, 38781 # AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.74 (34 OUT OF 42 PERFS OPEN)  
POST FRAC GRADIENT = 0.76  
FLUID TO RECOVER FROM STAGE: 2924 BBLS

End Time

Description

2:30 PM

FRAC STAGE # 3 OF 8 AS FOLLOWS (STAGE 2 FOR DAY):

TOOK 1 BBLS OF SLICK WATER PRIOR TO FORMATION BREAKING BACK TO 3005 PSI @ 6.3 BPM. PUMP 29.0 BBLS 15% HCL, & 12.9 BBLS CHAMPION FLUID @ 59.8 BPM @ 5104 PSI FORMATION BROKE BACK TO 2360 PSI WITH ACID ON FORMATION.

START STEP DOWN TEST:

ISIP: 1900 PSI (F.G. = 0.74) (29 OUT OF 39 PERFS OPEN)

RUWL & PERF STAGE # 3 of 8 FROM 7579' - 7738' (39 TOTAL HOLES).  
FRAC STAGE # 3 of 8 : 36.3 BBLS 15% HCL ACID, 12.5 BBLS CHAMPION FLUID, 645.8 BBLS OF SLICK WATER & 1416.8 BBLS OF 20 & 18# CROSSLINKED, 53436 # 20/40 JORDAN UNIMIN WHITE SAND, 24564 # AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.74 (29 OUT OF 39 PERFS OPEN)  
POST FRAC GRADIENT = 0.76  
FLUID TO RECOVER FROM STAGE: 1673 BBLS

4:00 PM

POST STEP DOWN:

STEP DOWN: BBLS @ BPM PSI ATP

353.9 BBLS OF PRE PAD SLICK WATER @ 47.1 BPM 4516 PSI ATP

238.1 BBLS OF PAD @ 51.0 BPM 4007 PSI ATP

197.1 BBLS OF 1.0 PPA 20/40 JORDAN-UNIMIN @ 59.4 BPM

4140 PSI ATP

226.2 BBLS OF 2.0 PPA 20/40 JORDAN-UNIMIN @ 59.8 BPM

3903 PSI ATP

157.0 BBLS OF 3.0 PPA 20/40 JORDAN-UNIMIN @ 59.6 BPM

3576

WELL HAS 2200 # PSI SICP, OPENED WELL, RIH WITH SLB WL TO SET CFP AND TO PERF STAGE # 4, SET CFP @ 7770'

RUWL & PERF STAGE # 4 of 8 FROM 7304' - 7495' (42 TOTAL HOLES).  
FRAC STAGE # 4 of 8 : 46.2 BBLS 15% HCL ACID, 13.3 BBLS CHAMPION FLUID, 623.3 BBLS OF SLICK WATER & 2460.6 BBLS OF 20 & 18# CROSSLINKED, 82664 # 20/40 JORDAN UNIMIN WHITE SAND, 37536 # AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.69 (32 OUT OF 42 PERFS OPEN)  
POST FRAC GRADIENT = 0.71  
FLUID TO RECOVER FROM STAGE: 3013 BBLS

PERFORATE AS FOLLOWS:

7304' - 7306' 6 - SHOTS

7334' - 7336' 6 - SHOTS

7368' - 7370' 6 - SHOTS

7384' - 7386' 6 - SHOTS

7448' - 7450' 6 - SHOTS

7482' - 7484' 6 - SHOTS

7495' - 7497' 6 - SHOTS

42 - TOTAL SHOTS, NO CAHANGE IN PRESSURE AFTER PERFORATING

POOH WITH WIRELINE AND GUNS

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/14/2008

Report # : 9

AFE # : 14733D

Summary : FRAC STAGE # 2 of 8 : 25.0 BBLS 15% HCL ACID, 12.5 BBLS CHAMPION FLUID, 676.3 BBLS OF SLICK WATER & 2337.8 BBLS OF 20 & 18# CROSSLINKED, 78730 # 20/40 JORDAN UNIMIN WHITE SAND, 38781 # AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.74 (34 OUT OF 42 PERFS OPEN)  
POST FRAC GRADIENT = 0.76  
FLUID TO RECOVER FROM STAGE: 2924 BBLS

End Time

Description

6:00 PM

FRAC STAGE # 4 OF 8 AS FOLLOWS (STAGE 3 FOR DAY):

TOOK 1 BBLS OF SLICK WATER PRIOR TO FORMATION BREAKING BACK TO 4809 PSI @ 5.3 BPM. PUMP 46.2 BBLS 15% HCL, & 13.3 BBLS CHAMPION FLUID @ 59.7 BPM @ 5794 PSI FORMATION BROKE BACK TO 4083 PSI WITH ACID ON FORMATION.

START STEP DOWN TEST:

ISIP: 1900 PSI (F.G. = 0.69) (32 OUT OF 42 PERFS OPEN)

RUWL & PERF STAGE # 3 of 8 FROM 7579' - 7738' (39 TOTAL HOLES).  
FRAC STAGE # 3 of 8 : 36.3 BBLS 15% HCL ACID, 12.5 BBLS CHAMPION FLUID, 645.8 BBLS OF SLICK WATER & 1416.8 BBLS OF 20 & 18# CROSSLINKED, 53436 # 20/40 JORDAN UNIMIN WHITE SAND, 24564 # AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.74 (29 OUT OF 39 PERFS OPEN)  
POST FRAC GRADIENT = 0.76  
FLUID TO RECOVER FROM STAGE: 1673 BBLS

6:00 AM

POST STEP DOWN:

STEP DOWN: BBLS @ BPM PSI ATP

336.0 BBLS OF PRE PAD SLICK WATER @ 48.3 BPM 5081 PSI ATP

500.0 BBLS OF PAD @ 51.6 BPM 6599 PSI ATP

273.8 BBLS OF 0.25 PPA 20/40 JORDAN-UNIMIN @ 59.3 BPM

6522 PSI ATP

283.1 BBLS OF 0.50 RPA 20/40 JORDAN-UNIMIN @ 60.0 BPM

6086 PSI ATP

298.7 BBLS OF 0.75 PPA 20/40 JORDAN-UNIMIN @ 59.9 BPM 5

SWIFN.

RUWL & PERF STAGE # 4 of 8 FROM 7304' - 7495' (42 TOTAL HOLES).  
FRAC STAGE # 4 of 8 : 46.2 BBLS 15% HCL ACID, 13.3 BBLS CHAMPION FLUID, 623.3 BBLS OF SLICK WATER & 2460.6 BBLS OF 20 & 18# CROSSLINKED, 82664 # 20/40 JORDAN UNIMIN WHITE SAND, 37536 # AcFrac SB EXCEL  
PRE FRAC GRADIENT = 0.69 (32 OUT OF 42 PERFS OPEN)  
POST FRAC GRADIENT = 0.71  
FLUID TO RECOVER FROM STAGE: 3013 BBLS



# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/15/2008

Report # : 10

AFE # : 14733D

Summary	End Time	Description
RUWL & PERF STAGE # 5 of 8 FROM 7025' - 7212' (30 TOTAL HOLES). FRAC STAGE # 5 of 8 : 28.0 BBLS 15% HCL ACID, 14.0 BBLS CHAMPION FLUID, 247.4 BBLS OF SLICK WATER & 2460.6 BBLS OF 20 & 18# CROSSLINKED, 14432 # 20/40 JORDAN UNIMIN WHITE SAND, PRE FRAC GRADIENT = 0.70 (26 OUT OF 30 PERFS OPEN) POST FRAC GRADIENT = 0 FLUID TO RECOVER FROM STAGE: 1088.8 BBLS	9:00 AM	WELL HAS 1500 # PSI SICP, OPENED WELL, RIH WITH SLB WL TO SET CFP AND TO PERF STAGE # 5 of 8, SET CFP @ 7770'  PERFORATE AS FOLLOWS: 7025' - 7027' 6 - SHOTS 7098' - 7102' 12 - SHOTS 7208' - 7212' 12 - SHOTS  30 - TOTAL SHOTS, NO CAHANGE IN PRESSURE AFTER PERFORATING POOH WITH WIRELINE AND GUNS
stage # 5 screen off, possible liner problems. flow back and try to recover 300 BBLS.	1:00 PM	RU SLB frac and have trouble getting lines to test, and flange on frac stack, had to re-pack one of the pumps.
	2:40 PM	FRAC STAGE # 5 OF 8 AS FOLLOWS (STAGE FOR DAY):  TOOK 1 BBLS OF SLICK WATER PRIOR TO FORMATION BREAKING BACK TO 2155 PSI @ 6.4 BPM. PUMP 28.0 BBLS 15% HCL, & 14.0 BBLS CHAMPION FLUID @ 59.6 BPM @ 6820 PSI FORMATION BROKE BACK TO 5152 PSI WITH ACID ON FORMATION. START STEP DOWN TEST: ISIP: 1920 PSI (F.G. = 0.70) (26 OUT OF 30 PERFS OPEN)  POST STEP DOWN: STEP DOWN: BBLS @ BPM PSI ATP 214.3 BBLS OF PRE PAD SLICK WATER @ 44.3 BPM 4948 PSI ATP 476.2 BBLS OF PAD @ 45.1 BPM 5008 PSI ATP 338.7 BBLS OF 1.0 PPA 20/40 JORDAN-UNIMIN @ 57.4 BPM 6510 PSI ATP 33.1 SLICK WATER FLUSH @ 0.7 BPM 3813 PSI ATP ISIP: PSI (F.G. = 0.) 5 MINS. :- PSI 10 MINS.:- PSI 15 MINS.:- PS
	6:00 AM	stage # 5 screened off, w/ +/- 13432# of sand in CSG. flow back on full 2" to try to recover 300 BBLS, @ 6 AM recovered 196 BBLS.

# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/17/2008

Report # : 12

AFE # : 14733D

Summary : flow back well on open 2" working pressure by shutting in and opening, well died SWIFN, 380 BBLS total recovered.

End Time  
6:00 AM

Description

well flowing off and off @ 5-8 BBLS per HR 3 PM well died and shut in to build pressure 400 PSI @ 6 PM, opened on full 2" only bled off gas no fluid, shut in till 9:30 PM and pressure to 300 PSI and started to unload water and died off, left open til 11 PM no flow no gas, SWIFN. 380 BBLS recovered.

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/16/2008

Report # : 11

AFE # : 14733D

Summary : RD SLB equipment, flow back

End Time  
11:00 AM  
6:00 AM

Description

RD SLB WL & frac equipment, didnt flow back target BBLS.  
continue to flow back. well flowing back @ +/- 5-10 S per minute, started to see trace of oil @ 12 AM and getting gas cut @ 2 AM, 347 BBLS total recovered.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
**Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.

**BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**# 7-8-45 BTR**

9. API Well No.

**43-013-33820**

10. Field and Pool, or Exploratory Area

**ALTAMONT**

11. County or Parish, State

**DUCHESNE COUNTY**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Commingle</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Bill Barrett Corporation (BBC) request permission to commingle the Wasatch and Green River Formations for the # 7-8-45 BTR.**

**REQUEST DENIED**

Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

**COPY SENT TO OPERATOR**

Date: **11/26/08**

Date: **12.4.2008**

By: **[Signature]**  
**\* See 2649-3-22**

Initials: **KS**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**

Title **Permit Analyst**

Signature

**[Signature]**

Date

**11/18/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

(Instructions on page 2)

**NOV 24 2008**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
**Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.  
**BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name  
**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.  
**N/A**

8. Well Name and No.  
**# 7-8-45 BTR**

9. API Well No.  
**43-013-33820**

10. Field and Pool, or Exploratory Area  
**ALTAMONT**

11. County or Parish, State  
**DUCHESNE COUNTY**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Completion Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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**Weekly completion activity report from 11/17/08 - 11/24/2008.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**

Title **Permit Analyst**

Signature

*Reed Haddock*

Date

**11/24/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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**RECEIVED**

(Instructions on page 2)

**NOV 26 2008**

**DIV. OF OIL, GAS & MINING**

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/17/2008

Report # : 12

AFE # : 14733D

Summary : flow back well on open 2" working pressure by shutting in and opening, well died SWIFN, 380 BBLS total recovered.

End Time

6:00 AM

Description

well flowing off and off @ 5-8 BBLS per HR 3 PM well died and shut in to build pressure 400 PSI @ 6 PM, opened on full 2" only bled off gas no fluid, shut in till 9:30 PM and pressure to 300 PSI and started to unload water and died off, left open til 11 PM no flow no gas, SWIFN. 380 BBLS recovered.

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/16/2008

Report # : 11

AFE # : 14733D

Summary : RD SLB equipment, flow back

End Time

11:00 AM

6:00 AM

Description

RD SLB WL, & frac equipment, didnt flow back target BBLS.

continue to flow back. well flowing back @ +/- 5-10 S per minute, started to see trace of oil @ 12 AM and getting gas cut @ 2 AM, 347 BBLS total recovered.

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : #7-8-45 BTR

Phase/Area

Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/19/2008

Report # : 14

AFE # : 14733D

Summary : try to kill CSG, WL w/ cased hole solutions, depth run, gauge ring run, and set composite bridge plug, test CSG and leave 1850 PSI SIP, SDFN

End Time

Description

8:00 AM	wait on rig tank and equipment
10:00 AM	RU pump lines and fill rig tank.
2:00 PM	try to kill CSG. pump 30 BBLS down CSG and pressure up to 1000 PSI, bleed off slow and get back 30 BBLS pumped, try to pump back into it, and pressure up to 1500 PSI w/ 6 BBLS, bleed off and start to flow, flow die down and try again and pressure to 1500 PSI, try a few times, wait on WL.
3:00 PM	cased hole solutions.MI/RU.
4:00 PM	RIH w/ 2" weight bar and tag sand @ 7120', POOH.
5:00 PM	LD wieght bar and PU and RIH w/ gauge ring to 6400' POOH and LD, guage ring had alot of sand and oil on it. pulling sticky from 6400'.
6:00 PM	PU/MU and RIH w/ 5 1/2" composite bridbe plug, and set @ 5710' POOH.
6:30 PM	RD WL.
7:30 PM	RU rig pump to CSG and pump 18 BBLS, test # 1, pressure to 2000 PSI and bleed back to 1600 PSI in 7 MIN - test # 2, 2000 PSI bleed down to 1625 PSI in 7 MIN - test # 3, 2000 PSI 1850 PSI in 7 MIN. drain pump and lines SDFN.
6:00 AM	shut well in w/ 1850 PSI.

Well Name : #7-8-45 BTR

Phase/Area

Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/18/2008

Report # : 13

AFE # : 14733D

Summary : open and flow back well NABORS workover rig up. SDFN

End Time

Description

7:00 AM	well shut in to build pressure.
4:00 PM	open well on 25 choke to flow back tank @ 800 PSI, pressure bleed down open to full 2" and start to unload almost 100 % oil, well start to unload water, very little oil, well die.
6:00 PM	NABORS workover rig MI/RU. well is shut in to build pressure.
6:00 AM	SDFN

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/21/2008

Report # : 16

AFE # : 14733D

Summary : circulate hole w/ 300 BBLs still gas and oil, 3 pressure tests to 2500 PSI # 1 bleed back to 2000 PSI in 7 MIN, # 2 bleed back to 2375 in 7 MIN, # 3 hold, circulate hole w/ 340 BBLs and still returning oil and gas, TOH SDFN

End Time	Description
8:00 AM	200 SITP, SICP 600 PSI bleed off pressures.
9:00 AM	TIH w/ TBG to 6104'
11:00 AM	RU pump and lines pumping conventional, circulate hole, well volume is 240 BBLs and circulated 300 BBLs and still getting back gas and oil.
12:00 PM	pressure test CSG to 2500 PSI and bleed bleed off to 2000 PSI in 7 MINS (1 1/2 BBL to pressure to 2500 PSI) # 2 pressure to 2500 PSI w/ 3/4 BBL and bleed off to 2375 PSI in 7 MINS # 3 1 1/2 BBLs to pressure to 2500 PSI and pressure hold , pressure to 3000 PSI and hold.
1:00 PM	leave pressure on CSG.
1:30 PM	bleed off CSG pressure and open TBG to flow back tank and unload water and some oil, and gas cut.
3:00 PM	RU rig pump and roll the hole w/ another 340 BBLs, and still slight gas cut and oil clumps still returning.
5:00 PM	RD pump and TOH w/ TBG, LD bit and sub, SDFN
6:00 AM	SWIFN

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/20/2008

Report # : 15

AFE # : 14733D

Summary : 1750 PSI CSG, bleed off, PU and TIH w/ bit sub and bit, tag composite plug @ 5710' TOH above liner top.

End Time	Description
8:00 AM	SICP, @ 1750 PSI, open to flow back tanks on a 9 choke to bleed off pressure and start to flow back oil and gas, bled off and stayed @ +/- 80 PSI on a 20 choke, bleed down to 0 PSI.
10:00 AM	CSG dead and ND frac stack, NU BOP.
4:00 PM	PU/MU bit and bit sub, PU and TIH w/ 2 7/8" TBG, well start to flow w/ 14 JTS in hole pump and kill TBG, PU TIH w/ TBG to plug @ 5710', LD 4 JTS EOT out of liner top @ 5609'.
5:00 PM	drain pump and lines SDFN.
6:00 AM	SWIFN.

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/24/2008

Report # : 18

AFE # : 14733D

Summary : check pressures, 800 SITP, 0 SICP, unset and TOH w/ packer, TIH w/ bit and bit sub, SDFN

End Time	Description
8:00 AM	800 PSI SITP, slight pressure SICP.
9:30 AM	unset packer and TOH and LD packer.
11:30 AM	wait on 2 7/8" string float.
2:00 PM	PU/MU 2 7/8" bit and bit sub, TIH on 1 JT, string float, and TBG, tag plug and try to pound down hole, the plug will not move, TOH w/ 4 JTS, SWIFN,
4:00 PM	spot in power swivel and equipment drain pump and lines ready to drill,
6:00 AM	SDFN

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/22/2008

Report # : 17

AFE # : 14733D

Summary : 1000 PSI SICP, bleed off, TIH w/ packer, test plug 3 times and no test, pressure test CSG and test, push composite bridge plug from 5710' to 5830', try to test plug and fail, teste CSG to 2000 PSI and test, bleed off CSG pressure SDFN

End Time	Description
8:00 AM	1000 PSI on CSG, bleed off to flow back tank, well flowing oil and gas, w/ TBG displacement fluid leve should have been @ 247'.
9:00 AM	wait on 5 1/2" packer.
11:00 AM	PU/MU packer and TIH on TBG, set @ 5704'
1:00 PM	RU pump lines to TBG, and pump up to 2000 PSI, bleed to 1500 PSI in 1 MIN, test 3 times and the same results, no test. RU pump to CSG and pressure to 2500 PSI and hold for 10 MINS, no leaks.
3:00 PM	unset packer and TIH to plug @ 5710' tag plug and the plug moves down hole @ 2000k, push down hole untill plug stops @ 5830'
5:00 PM	RU pump and pressure TBG to 2000 PSI and bleed off to 1000 PSI in 1 MIN, test 3 times and 3rd test bleed off to 1000 PSI in 2 MINS. RU pump to CSG, and pressure to 2000 PSI and hold for 10 MINS, bleed off CSG pressure SWIFN.
6:00 AM	SDFN bleed off head gas @ 8 PM pressure @ 300 PSI.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2100' FNL, 1652' FEL  
SWNE, Section 8, T4S, R5W**

5. Lease Serial No.

**BIA-EDA-2OG0005608**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**# 7-8-45 BTR**

9. API Well No.

**43-013-33820**

10. Field and Pool, or Exploratory Area

**ALTAMONT**

11. County or Parish, State

**DUCHESNE COUNTY**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Completion Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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**Weekly completion activity report from 11/24/08 - 11/25/2008. Final completion activity report.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Reed Haddock**

Title **Permit Analyst**

Signature

*Reed Haddock*

Date

**12/01/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**DEC 03 2008**

**DIV. OF OIL, GAS & MINING**

# REGULATORY COMPLETION SUMMARY



Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/25/2008

Report # : 19

AFE # : 14733D

Summary : bleed off TBG pressure and flow back CSG, kill TBG, TIH drill out plug and push to 6130', drill on plug and slowly make hole to 6345' drilling w/ alot of torque, clean out to 6523' TOH above liner top and SWIFN, SDFN.

End Time	Description
8:00 AM	SICP @ , SITP @ , bleed off TBG and flow back CSG to flow back tanks,
9:00 AM	kill TBG w/ 10 BBLS
10:00 AM	TIH w/ TBG to plug @ 5830'.
3:00 PM	RU pump and power swivel, drill out plug and TIH to 6130', start to push plug down w/ power swivel to 6345' try start to drill out plug and torquing up, drill out to 6365' and start to get stuck, start to torque up when barely touching the plug, lost hole to 6355', let circulate 15 MIN pumping 5 BPM, RI and knock plug loose.
4:00 PM	PU and RIH w/ TBG and stack out @ 6460' RU power swivel, and plug is slowly going down hole still torquing up when barely touched, push down w/ 2 JTS to 6523'.
5:00 PM	circulate bottoms up clean up hole getting plug particles and sand in returns: TOH above top perf.
6:00 AM	SWIFN, SDFN

Well Name : #7-8-45 BTR

Phase/Area Black Tail Ridge

Bottom Hole Display	API #/License
SWNE-4S-5W-W30M	43-013-33820

Ops Date : 11/24/2008

Report # : 18

AFE # : 14733D

Summary : check pressures, 800 SITP, 0 SICP, unset and TOH w/ packer, TIH w/ bit and bit sub, SDFN

End Time	Description
8:00 AM	800 PSI SITP, slight pressure SICP.
9:30 AM	unset packer and TOH and LD packer.
11:30 AM	wait on 2 7/8" string float.
2:00 PM	PU/MU 2 7/8" bit and bit sub, TIH on 1 JT, string float, and TBG, tag plug and try to pound down hole, the plug will not move, TOH w/ 4 JTS, SWIFN,
4:00 PM	spot in power swivel and equipment drain pump and lines ready to drill,
6:00 AM	SDFN

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. BIA-EDA-20G0005608	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____										6. If Indian, Allottee or Tribe Name Ute Indian Tribe	
2. Name of Operator Bill Barrett Corporation										7. Unit or CA Agreement Name and No. N/A	
3. Address 1099 18th Street, Suite 2300 Denver, CO 80202					3a. Phone No. (include area code) (303) 312-8546					8. Lease Name and Well No. # 7-8-45 BTR	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 2100' FNL x 1652' FEL At surface SW/4, NE/4, Sec. 8, T4S, R5W  At top prod. interval reported below 2154' FNL x 1669' FEL At total depth <i>OK</i> 2171.59' FNL x 1664' FEL <i>SUNE S-8 T04S R05W</i>										9. AFI Well No. 43-013-33820	
14. Date Spudded 07/23/2008					15. Date T.D. Reached 08/31/2008					10. Field and Pool or Exploratory Altamont	
16. Date Completed 11/14/2008 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.					17. Elevations (DF, RKB, RT, GL)* 6140' GL					11. Sec., T., R., M., on Block and Survey or Area Sec. 8, T4S, R5W	
18. Total Depth: MD 8,530' TVD 8,529'					19. Plug Back T.D.: MD 8,530' TVD 8,529'					12. County or Parish Duchesne County	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <i>MUD LOG</i> Baker Hughes HDI/CNL/Comp. Z-Densilog/Digital Spectralog/Caliper Log					20. Depth Bridge Plug Set: MD TVD					13. State UT	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)											
23. Casing and Liner Record (Report all strings set in well)											
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
20"	16" Conduct.	1/4" wall	Surface	40'		Grout Cmt.		0'			
14 3/4"	10 3/4 - K55	45.5 lbs.	Surface	3610'		1660 sx-Lt.Prem	547 bbls.	0'			
						440 sxs -Prem.	92 bbls.				
9 7/8"	7 5/8" P110	33.7 lbs.	Surface	6219'		445 sxs-Rockies	240 bbls.	3400'			
8 3/4"	5 1/2" P-110	23 lbs.	5664'	8524'		257 sxs	N/A	5,664'			
						50/50 Poz.					
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2 7/8"	1,813'										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Wasatch		7,304'	8,284'	8,232' - 8,284'		0.34"	24	Open			
B) Green River		7,025'	7,212'	7,803' - 8,031'		0.34"	42	Open			
C)				7,579' - 7,738'		0.34"	39	Open			
D)				7,304' - 7,497'		0.34"	33	Open			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval		Amount and Type of Material									
8,232' - 8,284'		Frac'ed with 1343 bbls. Slickwater; 54,000 lbs. 20/40 sand; 22,200 lbs. Resin 20/40 sand.									
7,803' - 8,031'		Frac'ed with 2626 bbls. Slickwater; 78,692 lbs. 20/40 sand; 38,770 lbs. SLC 20/40 sand.									
7,579' - 7,738'		Frac'ed with 1381 bbls. Slickwater; 53,435 lbs. 20/40 sand; 24,563 lbs. SLC 20/40 sand.									
7,304' - 7,497'		Frac'ed with 2725 bbls. Slickwater; 82,692 lbs. 20/40 sand; 37,536 lbs. SLC 20/40 sand.									
28. Production - Interval A											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method Flowing		
11/15/08	1/10/09		→	312	189 est.	115	52.3	N/A			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Flowing			
10/64	SI 0	1020	→	312	189 est.	115	N/A				
28a. Production - Interval B											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
			→								
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
	SI		→								

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				TGR3	4,767'
				Douglas Creek Black Shale Marker	5,648' 6,498'
				Castle Peak	6,720'
				Wasatch	7,260'
				TD	8,530'

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Reed Haddock

Title Permit Analyst

Signature



Date 01/14/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

26. PERFORATION RECORD (cont.)				
INTERVAL (Top/Bot-MD)		SIZE	NO. HOLES	PERFORATION STATUS
7,025'	7,212'	0.340"	36	Open

27. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)	
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7,025' - 7,212'	Frac'ed with 1056 bbls. Slickwater; 14,432 lbs. 20/40 sand.

# Directional Plots

WELLCORE

## Location Information

Business Unit :

Operations

Project :

Uinta

Phase/Area :

Black Tail Ridge

Well Name :

#7-8-45 BTR

Surface Location :

SWNE-4S-5W-W30M

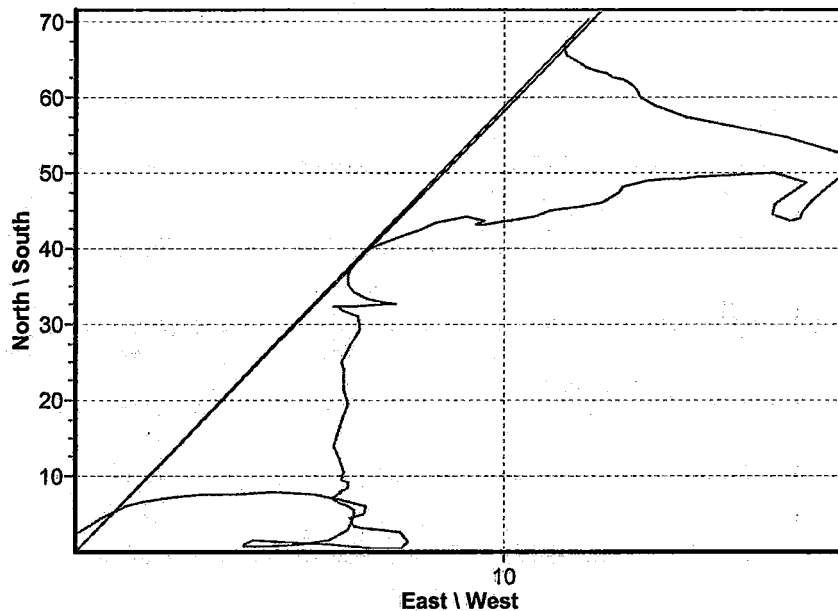
Bottom Hole Location :

SWNE-4S-5W-W30M

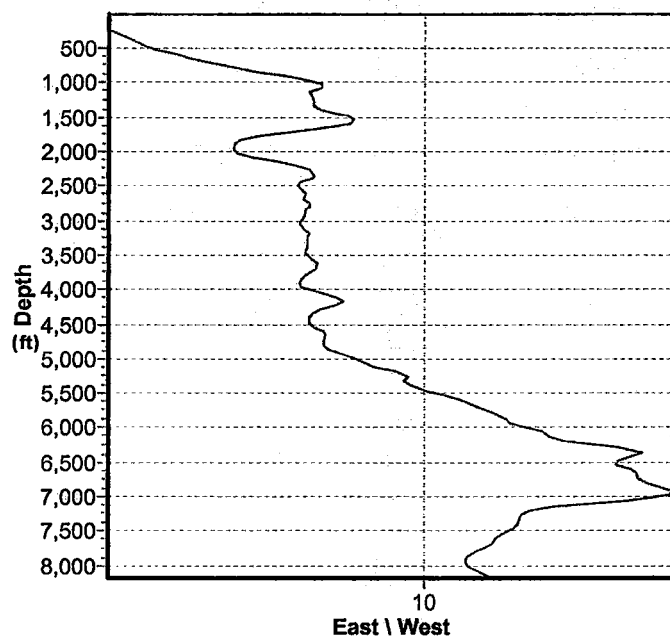
API / License # :

43-013-33820

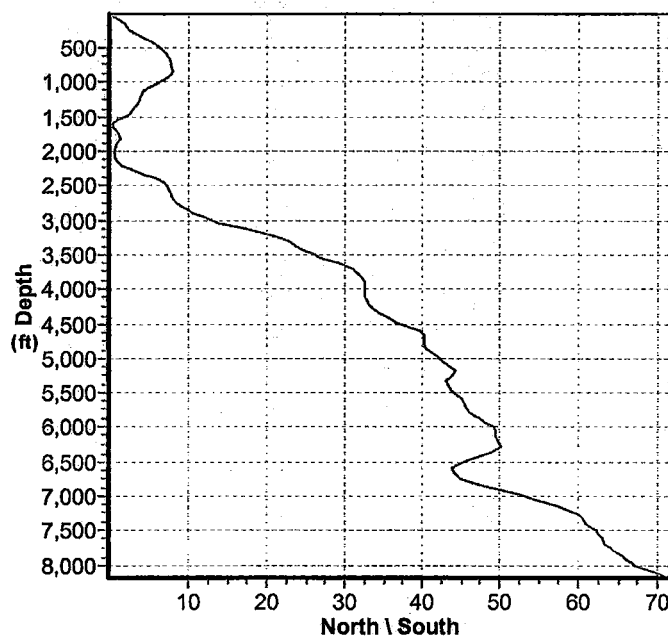
Top View



East - West Cross Section



North - South Cross Section



Directional Surveys



Location Information

Business Unit	Phase/Area	Surface Location
Operations	Black Tail Ridge	SWNE-4S-5W-W30M
Project	Well Name	Main Hole
Uinta	#7-8-45 BTR	

Bottom Hole Information

UWI	API / License #
SWNE-4S-5W-W30M	43-013-33820

Survey Section Details

Section	KOP (ft)	KOP Date	TMD (ft)	TVD (ft)	TD Date
Main					

Survey Information

Survey Company	Direction of Vertical Section (°)	Magnetic Dec. Correction (°)
DIR. PLUS		

Details

Corrected

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	9.00	1.10	1.00	9.00	14.00	0.09	N	0.00	E	0.09	12.22
	95.00	0.60	6.80	94.99	-71.99	1.36	N	0.07	E	1.36	0.59
	164.00	0.70	346.00	163.98	-140.98	2.13	N	0.01	E	2.13	0.37
	226.00	0.50	0.70	225.98	-202.98	2.76	N	0.08	W	2.76	0.40
	287.00	0.90	330.20	286.98	-263.98	3.45	N	0.31	W	3.45	0.87
	349.00	1.10	354.00	348.97	-325.97	4.46	N	0.62	W	4.46	0.74
	410.00	0.90	334.30	409.96	-386.96	5.47	N	0.89	W	5.47	0.65
	469.00	0.60	346.50	468.95	-445.95	6.19	N	1.16	W	6.19	0.57
	530.00	0.70	300.00	529.95	-506.95	6.69	N	1.56	W	6.69	0.85
	591.00	0.70	325.20	590.94	-567.94	7.18	N	2.09	W	7.18	0.50
	652.00	0.40	294.80	651.94	-628.94	7.58	N	2.50	W	7.58	0.67
	713.00	0.70	274.30	712.94	-689.94	7.69	N	3.06	W	7.69	0.58
	774.00	0.60	281.80	773.93	-750.93	7.79	N	3.75	W	7.79	0.22
	834.00	1.10	281.80	833.93	-810.93	7.97	N	4.62	W	7.97	0.83
	894.00	1.00	226.70	893.92	-870.92	7.73	N	5.56	W	7.73	1.63
	955.00	0.90	214.40	954.91	-931.91	6.97	N	6.22	W	6.97	0.37
	1017.00	1.00	210.40	1016.90	-993.90	6.10	N	6.77	W	6.10	0.19
	1080.00	1.10	147.60	1079.89	-1056.89	5.11	N	6.72	W	5.11	1.74
	1142.00	0.30	177.20	1141.88	-1118.88	4.45	N	6.40	W	4.45	1.37
	1205.00	0.10	237.80	1204.88	-1181.88	4.26	N	6.44	W	4.26	0.42
	1269.00	0.40	177.20	1268.88	-1245.88	4.00	N	6.47	W	4.00	0.56
	1333.00	0.40	189.30	1332.88	-1309.88	3.56	N	6.50	W	3.56	0.13
	1396.00	0.40	232.10	1395.88	-1372.88	3.21	N	6.71	W	3.21	0.46
	1457.00	0.70	238.20	1456.87	-1433.87	2.88	N	7.19	W	2.88	0.50
	1489.00	1.00	226.50	1488.87	-1465.87	2.59	N	7.56	W	2.59	1.08
	1552.00	1.40	166.90	1551.86	-1528.86	1.46	N	7.78	W	1.46	1.97
	1584.00	1.30	169.00	1583.85	-1560.85	0.72	N	7.63	W	0.72	0.35
	1647.00	1.40	131.00	1646.83	-1623.83	0.49	S	6.91	W	-0.49	1.40
	1711.00	0.90	101.80	1710.82	-1687.82	1.10	S	5.83	W	-1.10	1.18
	1774.00	1.10	117.10	1773.81	-1750.81	1.48	S	4.80	W	-1.48	0.53
	1838.00	0.40	26.10	1837.80	-1814.80	1.56	S	4.16	W	-1.56	1.84
	1900.00	0.40	26.10	1899.80	-1876.80	1.17	S	3.97	W	-1.17	0.00
	1963.00	0.10	281.80	1962.80	-1939.80	0.96	S	3.93	W	-0.96	0.69
	2023.00	0.40	332.40	2022.80	-1999.80	0.76	S	4.07	W	-0.76	0.58
	2087.00	0.80	243.90	2086.79	-2063.79	0.76	S	4.58	W	-0.76	1.38
	2150.00	0.70	250.60	2149.79	-2126.79	1.08	S	5.34	W	-1.08	0.21
	2213.00	1.00	205.30	2212.78	-2189.78	1.71	S	5.93	W	-1.71	1.13
	2273.00	1.60	194.00	2272.77	-2249.77	2.99	S	6.36	W	-2.99	1.08
	2337.00	1.70	176.80	2336.74	-2313.74	4.81	S	6.52	W	-4.81	0.79
	2368.00	1.30	180.20	2367.73	-2344.73	5.62	S	6.50	W	-5.62	1.32
	2399.00	1.10	149.70	2398.72	-2375.72	6.23	S	6.35	W	-6.23	2.13
	2431.00	0.80	164.80	2430.72	-2407.72	6.71	S	6.14	W	-6.71	1.21
	2492.00	0.10	114.70	2491.71	-2468.71	7.14	S	5.98	W	-7.14	1.21
	2556.00	0.60	208.20	2555.71	-2532.71	7.46	S	6.08	W	-7.46	0.96
	2619.00	0.20	169.70	2618.71	-2595.71	7.86	S	6.22	W	-7.86	0.73

Directional Surveys

WELLCORE

Location Information

Business Unit	Phase/Area	Surface Location
Operations	Black Tail Ridge	SWNE-4S-5W-W30M
Project	Well Name	Main Hole
Uinta	#7-8-45 BTR	

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	2682.00	0.10	130.80	2681.71	-2658.71	8.00	S	6.16	W	-8.00	0.22
	2745.00	0.90	208.50	2744.71	-2721.71	8.48	S	6.35	W	-8.48	1.40
	2808.00	0.80	147.70	2807.70	-2784.70	9.28	S	6.36	W	-9.28	1.37
	2840.00	0.70	174.50	2839.70	-2816.70	9.67	S	6.22	W	-9.67	1.13
	2903.00	1.10	186.10	2902.69	-2879.69	10.65	S	6.24	W	-10.65	0.69
	2967.00	1.50	172.10	2966.67	-2943.67	12.09	S	6.19	W	-12.09	0.79
	3031.00	1.90	178.20	3030.64	-3007.64	13.98	S	6.05	W	-13.98	0.68
	3125.00	2.20	186.60	3124.58	-3101.58	17.33	S	6.20	W	-17.33	0.45
	3188.00	1.80	180.90	3187.54	-3164.54	19.52	S	6.36	W	-19.52	0.71
	3252.00	1.40	173.20	3251.52	-3228.52	21.30	S	6.28	W	-21.30	0.71
	3314.00	1.30	187.70	3313.50	-3290.50	22.75	S	6.29	W	-22.75	0.57
	3377.00	0.80	167.70	3376.49	-3353.49	23.89	S	6.29	W	-23.89	0.97
	3441.00	1.10	181.30	3440.48	-3417.48	24.94	S	6.21	W	-24.94	0.58
	3472.00	1.00	186.50	3471.47	-3448.47	25.51	S	6.25	W	-25.51	0.45
	3554.00	1.40	185.00	3553.46	-3530.46	27.21	S	6.41	W	-27.21	0.49
	3626.00	1.80	188.00	3625.43	-3602.43	29.21	S	6.65	W	-29.21	0.57
	3719.00	0.60	145.00	3718.40	-3695.40	31.06	S	6.57	W	-31.06	1.53
	3783.00	0.90	164.20	3782.40	-3759.40	31.81	S	6.24	W	-31.81	0.60
	3847.00	0.10	217.90	3846.39	-3823.39	32.34	S	6.14	W	-32.34	1.32
	3909.00	0.30	107.40	3908.39	-3885.39	32.43	S	6.02	W	-32.43	0.56
	3973.00	0.40	269.30	3972.39	-3949.39	32.49	S	6.08	W	-32.49	1.08
	4034.00	0.50	267.50	4033.39	-4010.39	32.50	S	6.56	W	-32.50	0.17
	4098.00	0.70	253.30	4097.39	-4074.39	32.62	S	7.21	W	-32.62	0.39
	4160.00	0.20	113.10	4159.38	-4136.38	32.78	S	7.48	W	-32.78	1.39
	4223.00	0.50	131.60	4222.38	-4199.38	33.00	S	7.17	W	-33.00	0.50
	4287.00	0.70	152.80	4286.38	-4263.38	33.53	S	6.78	W	-33.53	0.46
	4350.00	0.70	167.10	4349.37	-4326.37	34.25	S	6.52	W	-34.25	0.28
	4413.00	1.10	174.10	4412.37	-4389.37	35.23	S	6.37	W	-35.23	0.66
	4477.00	1.20	182.80	4476.35	-4453.35	36.51	S	6.34	W	-36.51	0.31
	4541.00	1.60	188.70	4540.33	-4517.33	38.06	S	6.51	W	-38.06	0.66
	4605.00	1.10	193.30	4604.31	-4581.31	39.54	S	6.79	W	-39.54	0.80
	4668.00	0.10	101.80	4667.31	-4644.31	40.14	S	6.87	W	-40.14	1.76
	4732.00	0.10	2.30	4731.31	-4708.31	40.10	S	6.82	W	-40.10	0.24
	4793.00	0.10	201.10	4792.31	-4769.31	40.09	S	6.83	W	-40.09	0.32
	4856.00	0.50	206.50	4855.31	-4832.31	40.39	S	6.98	W	-40.39	0.64
	4920.00	1.00	206.00	4919.30	-4896.30	41.14	S	7.34	W	-41.14	0.78
	4983.00	0.50	209.20	4982.29	-4959.29	41.88	S	7.72	W	-41.88	0.80
	5047.00	0.70	203.60	5046.29	-5023.29	42.48	S	8.01	W	-42.48	0.33
	5110.00	1.20	203.80	5109.28	-5086.28	43.44	S	8.43	W	-43.44	0.79
	5173.00	0.80	246.90	5172.27	-5149.27	44.21	S	9.10	W	-44.21	1.31
	5270.00	0.90	15.20	5269.26	-5246.26	43.74	S	9.53	W	-43.74	1.58
	5332.00	0.30	9.00	5331.26	-5308.26	43.11	S	9.37	W	-43.11	0.97
	5394.00	0.50	228.20	5393.26	-5370.26	43.13	S	9.55	W	-43.13	1.22
	5458.00	0.90	226.20	5457.25	-5434.25	43.67	S	10.12	W	-43.67	0.63
	5519.00	0.80	212.80	5518.24	-5495.24	44.36	S	10.70	W	-44.36	0.36
	5583.00	0.60	209.90	5582.24	-5559.24	45.02	S	11.11	W	-45.02	0.32
	5644.00	0.30	255.10	5643.24	-5620.24	45.34	S	11.42	W	-45.34	0.73
	5708.00	0.50	230.40	5707.24	-5684.24	45.56	S	11.80	W	-45.56	0.41
	5772.00	0.90	213.30	5771.23	-5748.23	46.16	S	12.29	W	-46.16	0.70
	5867.00	0.60	174.90	5866.22	-5843.22	47.28	S	12.65	W	-47.28	0.60
	5931.00	1.10	194.20	5930.21	-5907.21	48.21	S	12.77	W	-48.21	0.89
	5994.00	0.80	233.40	5993.20	-5970.20	49.06	S	13.28	W	-49.06	1.11
	6057.00	0.30	276.90	6056.20	-6033.20	49.30	S	13.79	W	-49.30	0.98
	6121.00	0.20	268.40	6120.20	-6097.20	49.28	S	14.07	W	-49.28	0.17
	6184.00	0.90	229.40	6183.20	-6160.20	49.61	S	14.56	W	-49.61	1.20
	6279.00	1.40	266.80	6278.18	-6255.18	50.16	S	16.28	W	-50.16	0.92
	6374.00	1.80	16.20	6373.14	-6350.14	48.79	S	17.02	W	-48.79	2.76
	6478.00	1.50	12.50	6477.10	-6454.10	45.89	S	16.27	W	-45.89	0.31
	6539.00	1.00	345.50	6538.08	-6515.08	44.60	S	16.23	W	-44.60	1.25
	6603.00	0.60	307.40	6602.07	-6579.07	43.85	S	16.64	W	-43.85	1.01
	6665.00	0.60	176.30	6664.07	-6641.07	43.98	S	16.88	W	-43.98	1.76
	6727.00	1.10	186.20	6726.06	-6703.06	44.89	S	16.92	W	-44.89	0.84
	6792.00	1.50	192.50	6791.05	-6768.05	46.35	S	17.17	W	-46.35	0.65
	6856.00	1.80	190.00	6855.02	-6832.02	48.15	S	17.53	W	-48.15	0.48
	6920.00	2.10	194.90	6918.98	-6895.98	50.28	S	18.00	W	-50.28	0.54
	6983.00	2.00	161.10	6981.94	-6958.94	52.43	S	17.94	W	-52.43	1.90



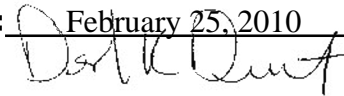
# Directional Surveys

WELLCORE

Location Information

Business Unit	Phase/Area	Surface Location
Operations	Black Tail Ridge	SWNE-4S-5W-W30M
Project	Well Name	Main Hole
Uinta	#7-8-45 BTR	

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	7045.00	3.00	141.10	7043.88	-7020.88	54.72	S	16.58	W	-54.72	2.12
	7140.00	1.40	136.50	7138.80	-7115.80	57.49	S	14.22	W	-57.49	1.69
	7203.00	1.50	164.90	7201.78	-7178.78	58.85	S	13.47	W	-58.85	1.14
	7267.00	0.70	166.80	7265.77	-7242.77	60.04	S	13.16	W	-60.04	1.25
	7330.00	0.30	189.60	7328.76	-7305.76	60.58	S	13.10	W	-60.58	0.70
	7394.00	0.80	168.60	7392.76	-7369.76	61.18	S	13.04	W	-61.18	0.83
	7457.00	0.70	171.80	7455.76	-7432.76	61.99	S	12.90	W	-61.99	0.17
	7489.00	0.60	147.50	7487.75	-7464.75	62.33	S	12.78	W	-62.33	0.91
	7553.00	0.30	149.00	7551.75	-7528.75	62.75	S	12.52	W	-62.75	0.47
	7616.00	0.40	165.90	7614.75	-7591.75	63.11	S	12.38	W	-63.11	0.23
	7680.00	0.40	154.90	7678.75	-7655.75	63.53	S	12.23	W	-63.53	0.12
	7743.00	0.70	149.80	7741.75	-7718.75	64.06	S	11.94	W	-64.06	0.48
	7774.00	1.00	162.50	7772.74	-7749.74	64.48	S	11.77	W	-64.48	1.14
	7870.00	0.40	171.00	7868.73	-7845.73	65.61	S	11.46	W	-65.61	0.63
	7932.00	0.80	177.10	7930.73	-7907.73	66.25	S	11.41	W	-66.25	0.65
	7964.00	1.00	180.10	7962.73	-7939.73	66.76	S	11.39	W	-66.76	0.64
	7996.00	1.20	191.80	7994.72	-7971.72	67.36	S	11.46	W	-67.36	0.94
	8027.00	1.30	188.50	8025.71	-8002.71	68.03	S	11.58	W	-68.03	0.40
	8059.00	1.30	189.60	8057.70	-8034.70	68.75	S	11.70	W	-68.75	0.09
	8091.00	1.40	189.30	8089.70	-8066.70	69.49	S	11.82	W	-69.49	0.32
	8122.00	1.50	192.30	8120.69	-8097.69	70.26	S	11.97	W	-70.26	0.40
	8182.00	1.10	194.20	8180.67	-8157.67	71.59	S	12.28	W	-71.59	0.67

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
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<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Bill Barrett Corporation (BBC) requests permission to flare this well for up to 30 days starting on 2/25/2010. Currently, El Paso is in the process of replacing/constructing the upgraded gas line across Starvation Reservoir (indicated on the attached map). Once the upgraded line is finished in March of 2010, BBC will discontinue flaring. This well is well is expect to flare 300 mcf/d. This well is well is expect to flare 300 mcf/d. In addition, based upon previous production after shut-ins, the EUR's for this well were negatively affected.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> February 25, 2010 <b>By:</b> 		<b>TITLE</b> Permit Analyst			
<b>NAME (PLEASE PRINT)</b> Matt Barber		<b>PHONE NUMBER</b> 303 312-8168			
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/24/2010			



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013338200000**

**Authorization: R649-3-20-4.2**

**Note: This well is considered an oil well, not a gas well as indicated in sundry. Last produced approximately 230 mcf/month gas compared to 2400 BO/month.**

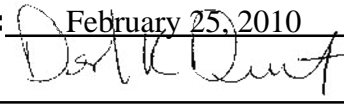
**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** February 25, 2010  
**By:** Dan K. Quist







<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>								
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Based upon minimal gas production from this well, Bill Barrett Corp requests to change the well type from a gas well to an oil well.										
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> February 25, 2010 <b>By:</b> 										
<b>NAME (PLEASE PRINT)</b> Matt Barber		<b>PHONE NUMBER</b> 303 312-8168								
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Analyst								
<b>DATE</b> 2/25/2010										



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
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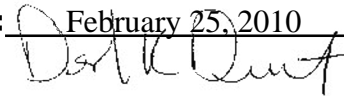
**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013338200000**

**Note: Tested @ 189 MCFPD gas compared to 312 BOPD.**

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** February 25, 2010  
**By:** Dan K. Quist

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<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/25/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input checked="" type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: _____         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input checked="" type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Bill Barrett Corporation (BBC) requests permission to flare this well for up to 30 days starting on 2/25/2010. Currently, El Paso is in the process of replacing/constructing the upgraded gas line across Starvation Reservoir (indicated on the attached map). Once the upgraded line is finished in March of 2010, BBC will discontinue flaring. This well is well is expect to flare 300 mcf/d. This well is well is expect to flare 300 mcf/d. In addition, based upon previous production after shut-ins, the EUR's for this well were negatively affected.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> February 25, 2010 <b>By:</b> 		<b>TITLE</b> Permit Analyst			
<b>NAME (PLEASE PRINT)</b> Matt Barber		<b>PHONE NUMBER</b> 303 312-8168			
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/24/2010			



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013338200000**

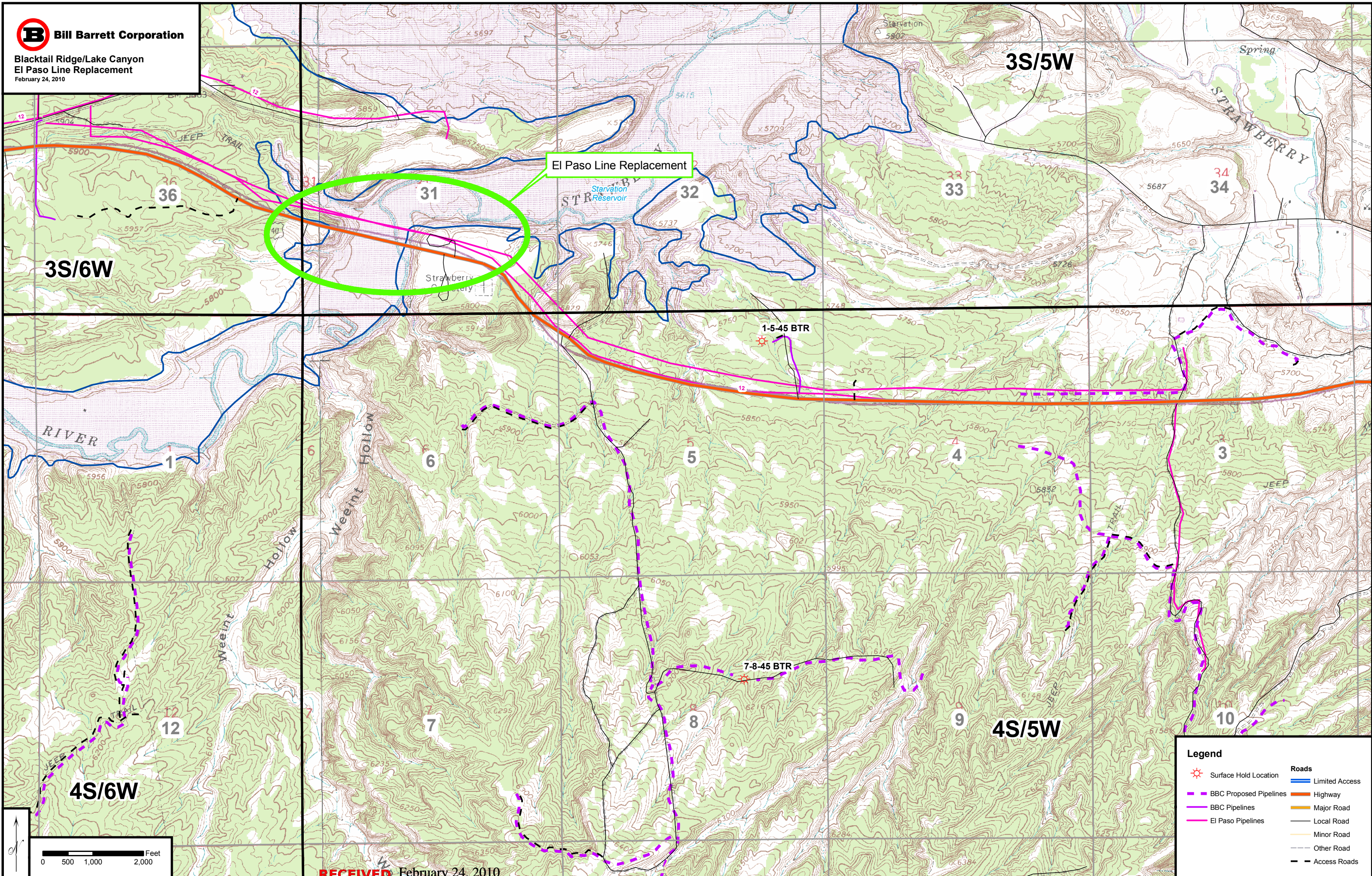
**Authorization: R649-3-20-4.2**

**Note: This well is considered an oil well, not a gas well as indicated in sundry. Last produced approximately 230 mcf/month gas compared to 2400 BO/month.**

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** February 25, 2010  
**By:** Dan K. Duff





**Legend**

Surface Hold Location	<b>Roads</b>
BBC Proposed Pipelines	Limited Access
BBC Pipelines	Highway
El Paso Pipelines	Major Road
	Local Road
	Minor Road
	Other Road
	Access Roads



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 2OG0005608
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> 7-8-45 BTR
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>9. API NUMBER:</b> 43013338200000
<b>PHONE NUMBER:</b> 303 312-8164 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 4/27/2009	<input checked="" type="checkbox"/> <b>OTHER</b>		
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<b>OTHER:</b> <input type="text" value="Correction of lease num"/>		
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**  
 This Sundry is being submitted to indicate that the lease for this section has been earned. The correct lease number is 14-20-H62-6265. Please update your information with this lease.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

FOR RECORD ONLY

August 12, 2010

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 8/11/2010

API Well No: 43013338200000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6265
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> 7-8-45 BTR
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<b>PHONE NUMBER:</b> 303 312-8164 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/28/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input checked="" type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Bill Barrett Corporation (BBC) requests permission to flare gas for the next 15 days, starting 10/28/10 on this well and 5 other wells southeast of the Starvation Bridge. The request to flare gas short term is due to necessary pipeline replacement work being done by El Paso Corporation across the Starvation Bridge. Expected production will not be more than 1700 mcf/d for the requested 15 days of flaring for the 6 wells total. Approving the request flare will prevent BBC from having to shut in each well that would require wax removal before returning to production to prevent potential corrosion to rod strings. Shutting in would also lead to a loss of production of over 10,000 bbls for the shut-in period and potential of 20,000 bbls lost production for down time due to wax cutting and possible rod replacement for all 6 wells. Please contact Brady Riley at 303-312-8115 with questions.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** October 28, 2010

**By:** 

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/27/2010

**RECEIVED** October 27, 2010



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013338200000**

**Approval granted in accordance with R649-3-20-4.2.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** October 28, 2010  
**By:** Dan K. Duff

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6265
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> 7-8-45 BTR
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>9. API NUMBER:</b> 43013338200000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
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<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 11/8/2010	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input checked="" type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> This sundry is being submitted as notification that the flaring for this well started on 11/1/2010 and concluded on 11/8/2010. Please see attached for the dates of flaring and the total volume (mcf) of gas flared during the approved period. Please contact Brady Riley at 303-312-8115 with questions.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> November 15, 2010		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/10/2010	

Well Flaring Event Form								
Location of Flare (well site name)	Wells sent to Flare (if more than one site sent to same flare)	Date and Time venting/flaring started	Date and Time venting/flaring stopped	Date and Time flare lit	List any downtime of flare while gas vented to flare (hrs)	Volumetric rate of gas flared (mcfd)	Total volume of gas flared for event (mcf)	Name of operator filling out this form
Ute Tribal 5-4-45		11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.	11-1-2010 @ 8:00 a.m.				
Ute Tribal 8-10-45		11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.	11-1-2010 @ 8:00 a.m.				
	Ute Tribal 7-6-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				4027.189	Kary Eldredge
	Ute Tribal 5-4-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				1067.125	Kary Eldredge
	Ute Tribal 1-5-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				450.815	Kary Eldredge
	Ute Tribal 7-8-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				1239.608	Kary Eldredge
	Ute Tribal 16-7-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				2342.63	Kary Eldredge
	Ute Tribal 8-10-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				Shut in during flare 0	Kary Eldredge

API Well No: 43013338200000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> 7-8-45 BTR
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<b>PHONE NUMBER:</b> 303 312-8164 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

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CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION																														
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/28/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width:100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input checked="" type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width:100px;" type="text"/></td> </tr> </table>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input checked="" type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>
<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR																													
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<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE																													
<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION																													
<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK																													
<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION																													
<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON																													
<input type="checkbox"/> TUBING REPAIR	<input checked="" type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL																													
<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION																													
<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>																													

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Bill Barrett Corporation (BBC) requests permission to flare gas for the next 15 days, starting 10/28/10 on this well and 5 other wells southeast of the Starvation Bridge. The request to flare gas short term is due to necessary pipeline replacement work being done by El Paso Corporation across the Starvation Bridge. Expected production will not be more than 1700 mcf/d for the requested 15 days of flaring for the 6 wells total. Approving the request flare will prevent BBC from having to shut in each well that would require wax removal before returning to production to prevent potential corrosion to rod strings. Shutting in would also lead to a loss of production of over 10,000 bbls for the shut-in period and potential of 20,000 bbls lost production for down time due to wax cutting and possible rod replacement for all 6 wells. Please contact Brady Riley at 303-312-8115 with questions.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** October 28, 2010  
**By:** *Dark K. Duff*

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/27/2010

**RECEIVED** October 27, 2010



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013338200000**

**Approval granted in accordance with R649-3-20-4.2.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** October 28, 2010  
**By:** Dan K. Duff

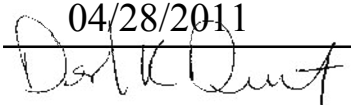


<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6265
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> 7-8-45 BTR
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>9. API NUMBER:</b> 43013338200000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input checked="" type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/8/2010		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> This sundry is being submitted as notification that the flaring for this well started on 11/1/2010 and concluded on 11/8/2010. Please see attached for the dates of flaring and the total volume (mcf) of gas flared during the approved period. Please contact Brady Riley at 303-312-8115 with questions.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> November 15, 2010		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/10/2010	

Well Flaring Event Form								
Location of Flare (well site name)	Wells sent to Flare (if more than one site sent to same flare)	Date and Time venting/flaring started	Date and Time venting/flaring stopped	Date and Time flare lit	List any downtime of flare while gas vented to flare (hrs)	Volumetric rate of gas flared (mcfd)	Total volume of gas flared for event (mcf)	Name of operator filling out this form
Ute Tribal 5-4-45		11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.	11-1-2010 @ 8:00 a.m.				
Ute Tribal 8-10-45		11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.	11-1-2010 @ 8:00 a.m.				
	Ute Tribal 7-6-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				4027.189	Kary Eldredge
	Ute Tribal 5-4-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				1067.125	Kary Eldredge
	Ute Tribal 1-5-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				450.815	Kary Eldredge
	Ute Tribal 7-8-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				1239.608	Kary Eldredge
	Ute Tribal 16-7-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				2342.63	Kary Eldredge
	Ute Tribal 8-10-45	11-1-2010 @ 8:00 a.m.	11-8-2010 @ 3:00 p.m.				Shut in during flare 0	Kary Eldredge

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6265			
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE			
		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> 7-8-45 BTR			
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43013338200000			
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE			
		<b>STATE:</b> UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/19/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px; vertical-align: middle;"></span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px; vertical-align: middle;"></span>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  This sundry is being submitted to request approval to recomplete this well in the Lower Green River formation. BBC proposed to perf and frac three additional stages in the Lower Green River. Additional details for the recompletion and the wellbore diagram for this well are attached. Recomplete estimated to commence on May 19th, 2011. Please contact Justin Pivik at 303-312-8583.					
<b>NAME (PLEASE PRINT)</b> Brady Riley		<b>PHONE NUMBER</b> 303 312-8115			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Analyst			
		<b>DATE</b> 4/27/2011			

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: 04/28/2011  
 By: 



**7-8-45 BTR**  
**RECOMPLETE PROCEDURES**  
Section 8-T4S-R5W  
Duchesne County, Utah  
API # 43-013-33820

**April 26, 2011**

**AFE # 12467R**

**OBJECTIVE**

Pull existing rods and tubing, set CBP above existing perforations, and prepare wellbore for a Lower Green River recomplete. Perforate and frac Lower Green River per the procedure below. Drill out CBP's run tubing and return well to production.

**MATERIAL NEEDS:**

Fresh Water: 10,020 BBL's  
Sand: 512,000 pounds 20/40 White and 100 Mesh, to be supplied by Halliburton

**CURRENT WELL STATUS**

Currently the well is producing from Lower Green River and Wasatch at +/- 50 BOD and 80 mcf/d. Tubing pressure of 150 psi and Casing Pressure of 50 psi.

**COMPLETION PROCEDURE**

1. **Safety is the highest priority.** Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up of same, be sure all necessary contractors are present and agree as to the layout of location.
3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
4. Pressure test flowback iron.
5. MIRU workover rig to pull rods and tubing.
6. Flush well with 300 BBL's heated fresh water using workover rig pump.

**RECEIVED** Apr. 27, 2011



7. RDMO workover rig and associated equipment.
8. MIRU WL unit and lubricator.
9. RIH with gage ring to 7,022'.
10. RIH with CBP set at 7,022 MD.
11. ND production tree and NU frac tree.
12. Pressure test casing and CBP to 4,500 psi, hold for 15 minutes, monitor and record bleed off.
13. Perforate Stage 6 of Lower Green River as follows: Utilize Schlumberger Power Frac Charges (0.44" Entry Hole Diameter)

	FROM	TO	SHOTS	Phasing
<b>STAGE 6</b>				
<b>GUN SYSTEM</b>	3 1/8			
<b>CHARGE</b>	3106 PF			
	6905	6907	6	120
	6922	6923	3	120
	6929	6930	3	120
	6949	6950	3	120
	6955	6956	3	120
	6960	6961	3	120
	6975	6976	3	120
	6980	6982	6	120
	6992	6993	3	120
	7000	7002	6	120
<b>Total</b>			39	

14. MIRU & spot Halliburton Frac equipment.
15. Pressure test all lines to 10,000 psi.
16. Fracture stimulate interval # 6 per designs.
17. PU & RIH with CBP and perforating guns.
18. Set CBP @ 6,854'.
19. Perforate Stage 7 of Lower Green River as follows: Utilize Schlumberger Power Frac Charges (0.44" Entry Hole Diameter)



	FROM	TO	SHOTS	Phasing
<b>STAGE 7</b>				
<b>GUN SYSTEM</b>	3 1/8			
<b>CHARGE</b>	3106 PF			
	6609	6610	3	120
	6638	6639	3	120
	6671	6672	3	120
	6710	6711	3	120
	6728	6729	3	120
	6738	6740	6	120
	6746	6747	3	120
	6765	6766	3	120
	6796	6797	3	120
	6813	6814	3	120
	6821	6822	3	120
	6833	6834	3	120
<b>Total</b>			39	

20. Fracture stimulate interval # 7 per design.

21. PU & RIH with CBP and perforating guns.

22. Set CBP @ 6,448'.

23. Perforate Stage 8 of Lower Green River as follows: Utilize Schlumberger Power Frac Charges (0.44" Entry Hole Diameter)

	FROM	TO	SHOTS	Phasing
<b>STAGE 8</b>				
<b>GUN SYSTEM</b>	3 1/8			
<b>CHARGE</b>	3106 PF			
	6298	6300	6	120
	6395	6397	6	120
	6410	6412	6	120
	6419	6421	6	120
	6427	6428	3	120
<b>Total</b>			27	

24. Fracture stimulate Lower Green River interval # 8 per design.

25. PU & RIH with CBP

26. RD Halliburton frac equipment, clear location of all unnecessary personnel and equipment.

27. Set CFP @ +/- 6,250'.



28. ND frac tree and NU production tree and BOP's.

29. MIRU workover rig unit

30. Drill out CBP's and land tubing.

31. Return well to production.

### CASING DATA

STRING	SIZE	WEIGHT	GRADE	THREAD	DEPTH
Surface	10-3/4"	45.5#	P-110	EUE	3,572'
Liner	7 5/8"	33.7#	P-110	LTC	6,178'
Production	5-1/2"	23.0#	P-110	VAM FJL	8,429'

### PRESSURE AND DIMENSIONAL DATA

SIZE	WEIGHT	GRADE	BURST	COLLAPSE	DRIFT
7-5/8"	33.7#	P-110	10,860 psi	7,850 psi	6.64"
5 1/2"	23.0#	P-110	12,360 psi	14,520 psi	4.545"

## Downhole Well Profile

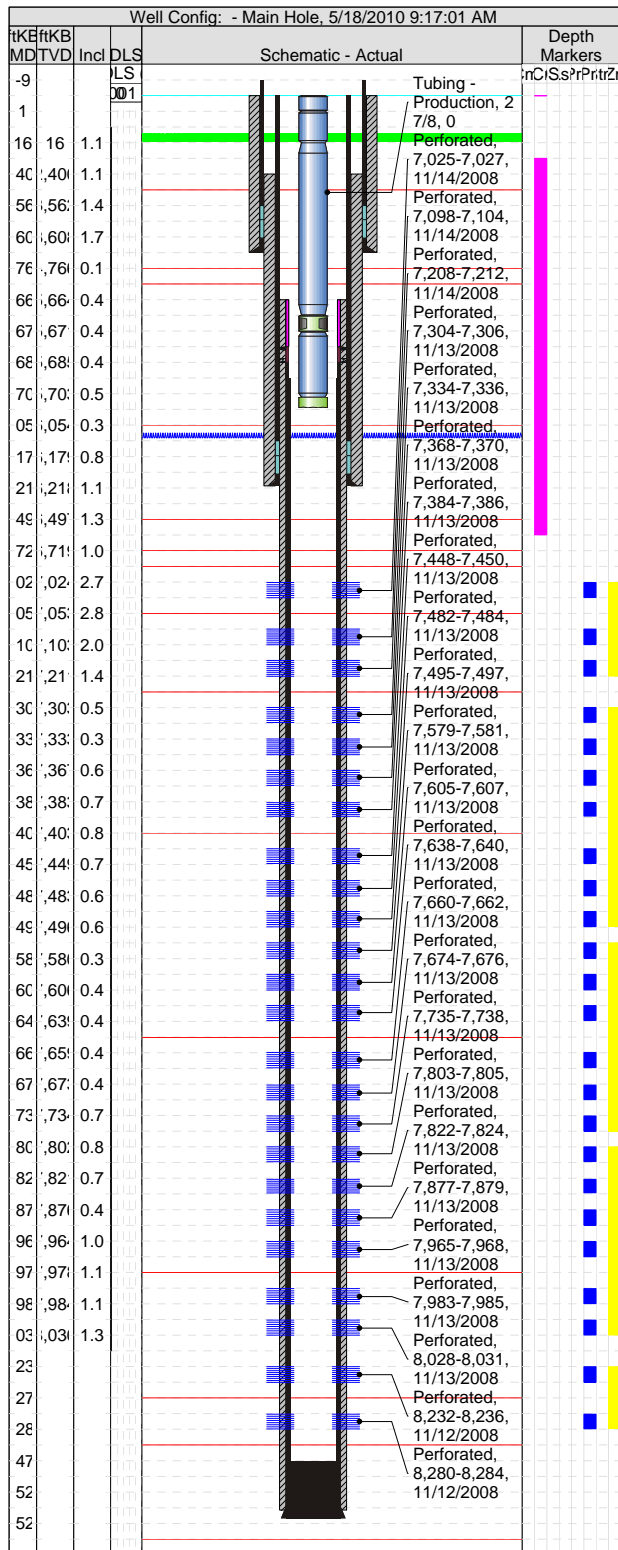


Bill Barrett Corporation

Well Name: #7-8-45 BTR

API/UWI 43-013-33820	Surface Legal Location SWNE-4S-5W-W30M	License No.	Field Name Black Tail Ridge	State/Province UT
Well Configuration Type		Original KB Elevation (ft) 6,155.00	KB-Ground Distance (ft) 15.00	

Type	Area	Basin	Extra Well ID B	Field Name	Gr Elev (ft)	Orig KB Elev (ft)



## Casing Strings

Casing Description	String OD (in)	String Wt (lbs/ft)	String Grade	String Top Thrd	Set Depth (ftKB)
Surface	10 3/4	45.50	K-55		3,610.0
Intermediate	7 5/8	33.70	P-110		6,219.0
Liner	5 1/2	23.00	P-110		8,524.2

## Perforations

Date	Top (ftKB)	Btm (ftKB)	Formation(s)	Zone
11/14/2008	7,025.0	7,027.0		Stage 5
11/14/2008	7,098.0	7,104.0		Stage 5
11/14/2008	7,208.0	7,212.0		Stage 5
11/13/2008	7,304.0	7,306.0		Stage 4
11/13/2008	7,334.0	7,336.0		Stage 4
11/13/2008	7,368.0	7,370.0		Stage 4
11/13/2008	7,384.0	7,386.0		Stage 4
11/13/2008	7,448.0	7,450.0		Stage 4
11/13/2008	7,482.0	7,484.0		Stage 4
11/13/2008	7,495.0	7,497.0		Stage 4
11/13/2008	7,579.0	7,581.0		Stage 3
11/13/2008	7,605.0	7,607.0		Stage 3
11/13/2008	7,638.0	7,640.0		Stage 3
11/13/2008	7,660.0	7,662.0		Stage 3
11/13/2008	7,674.0	7,676.0		Stage 3
11/13/2008	7,735.0	7,738.0		Stage 3
11/13/2008	7,803.0	7,805.0		Stage 2
11/13/2008	7,822.0	7,824.0		Stage 2
11/13/2008	7,877.0	7,879.0		Stage 2
11/13/2008	7,965.0	7,968.0		Stage 2
11/13/2008	7,983.0	7,985.0		Stage 2
11/13/2008	8,028.0	8,031.0		Stage 2
11/12/2008	8,232.0	8,236.0		Stage 1
11/12/2008	8,280.0	8,284.0		Stage 1

## &lt;Tubing Description?&gt; set at &lt;Set Depth?&gt;ftKB on &lt;Run Date?&gt;

Tubing Description		Run Date		String Length (ft)		Set Depth (ftKB)	
Item Description	Jts	OD (in)	Wt (lbs/ft)	Grade	Len (ft)	Top Depth (TVD) (ftKB)	Bottom Depth (TVD) (ftKB)

## Tubing - Production set at 5,704.0ftKB on 4/7/2010 16:00

Tubing Description	Run Date		String Length (ft)			Set Depth (ftKB)	
Tubing - Production	4/7/2010		5,704.01			5,704.0	
Item Description	Jts	OD (in)	Wt (lbs/ft)	Grade	Len (ft)	Top Depth (TVD) (ftKB)	Bottom Depth (TVD) (ftKB)
Hanger	1	2 7/8	6.50	N-80	0.65	0.0	0.6
KB	1	2 7/8	6.50	N-80	15.00	0.6	15.6
Tubing	179	2 7/8	6.50	N-80	5,655.22	15.6	5,670.1
Seat Nipple	1	2 7/8	6.50	N-80	1.10	5,670.1	5,671.2
Tubing	1	2 7/8	6.50	N-80	31.60	5,671.2	5,702.8
Notched Collar	1	2 7/8	6.50	N-80	0.44	5,702.8	5,703.2

Rod Description		Run Date		String Length (ft)		Set Depth (ftKB)	
Item Description	Jts	Make	Model	OD (in)	Wt (lbs/ft)	Grade	Len (ft)

## Other In Hole

Run Date	Description	Top Depth (TVD) (ftKB)	Bottom Depth (TVD) (ftKB)



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 2OG0005608
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> 7-8-45 BTR
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>9. API NUMBER:</b> 43013338200000
<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/6/2011		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> This sundry is being submitted to report the procedures for the recomple of this well in the Lower Green River formation. BBC proposed to perf and frac three additional stages in the Lower Green River. A revised completion report will also be submitted to UDOGM. Please contact Brady Riley at 303-312-8115 with questions.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/21/2011	

**#7-8-45 BTR 5/5/2011 06:00 - 5/6/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
Well pumping to sales - 2, Skid Rotoflex - 1, MIRU w/o Rig - 1, Unseat Pump, Flush tbg. w/ 20 Bbls. - 1, Laydown Rods & Pump. Had to flush tbg. and rods due to oil on rods. - 5, RD rod equip. RU tbg. equip. - 1, Secure well, SDFN - 0.5, Csg. open to production, Tbg. SI. - 0						

**#7-8-45 BTR 5/6/2011 06:00 - 5/7/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
Csg. open to production, Tbg. SI - 1, JSA Safety Meeting - 0.5, Top kill well, Pull hanger, Release Anchor, Reland hanger - 0.5, NU BOPE & Test - 0.5, RU work floor & Tbg. equip. - 0.5, Pull Hanger, Laydown Tbg. & Anchor. - 4, Flush Csg. w/ 300 Bbls. w/120" water. - 2, MIRU Cutters wireline. RIH w/ 4.545" gauge ring to 7030'. RIH w/ CIBP Set @ 7018'						
Pressure test Csg. & Plg. to 3000# for 15 min., RDMO w/l - 1.5, RD Tbg. equip. & work floor. - 0.5, ND BOP, NU Night Cap. - 0.5, Secure well, SDFN - 0.5, WSI - 12						

**#7-8-45 BTR 5/7/2011 06:00 - 5/8/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
WSI. - 1, JSA Safety Meeting - 0.5, RDMO w/o Rig - 7.5, WSI - 15						

**#7-8-45 BTR 5/20/2011 06:00 - 5/21/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
Prep for frac. spot frac tanks. - 12, NU frac tree test frac tree & Csg. to 8k, held good for 30 min., NU blank flanges on csg valves - 12						

**#7-8-45 BTR 5/23/2011 06:00 - 5/24/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
MI, and spot frac tanks (19 tanks on location). RNI/Dalbo is filling frac tanks with 3% KCL. Rental cost up-date. - 24						

**#7-8-45 BTR 5/24/2011 06:00 - 5/25/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
MI, and spot frac tanks (24 tanks on location). RNI/Dalbo is filling frac tanks with 3% KCL. - 24						

**#7-8-45 BTR 5/25/2011 06:00 - 5/26/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
Spot Open top & Transfer tanks, Finish Berms around tanks. - 24						

**#7-8-45 BTR 5/26/2011 06:00 - 5/27/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
Spot & fill last of tanks, Spot light towers. Prep for frac. - 24						

**#7-8-45 BTR 5/27/2011 06:00 - 5/28/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
Prep for frac - 24						

**#7-8-45 BTR 5/28/2011 06:00 - 5/29/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion
Time Log Summary						
Prep for Frac,						
Spot HES Mountain Movers. Start trucking sand.						
Start Heating water this evening to 90*.						
Well locked and secured. - 24						



# Bill Barrett Corporation

## #7-8-45 BTR 5/29/2011 06:00 - 5/30/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion

### Time Log Summary

Safety meeting with Grey Wolf Crew, R/U flow back iron from the Frac tree to the flow back tanks. Continue to heat frac water 90\* to 95\*. - 1.5, Safety meeting with SLB and IPS, Checked Well head pressure, 400 psi on frac tree. R/U SLB Crane and Lub, P/up 4.30 Gauge Ring & Junk basket, Bumped up tools. R/U IPS pressure test unit. Pressure tested Lub to 4500 psi, test held good. RIH with Gauge Ring and Junk Basket Located liner top @ 5671', had to make several attempts with G/R to get through the liner top. drop down and tagged top of CIBP @ 7018', POOH with G/R. - 3, Bumped up G/R, bleed off pressure, disconnected Lub, L/D G/R, Armed Stg #6 perf guns. P/up guns, tested lub connection, open up frac tree, RIH with Stg #6 perf guns, located liner top @ 5671', Run log strip from,5770' to 5570' made depth correction to log reference ran on (10-30-08; GR/CCL/CBL Lone Wolf log) Drop down to target depth, check collars, Drop down and Perf interval from 7002' to 6905', with 30 psi on the csg. POOH, L/D Spent guns all shots fired. shut in and secured Well head. - 1.5, MIRU HES frac equipment, Continued to heat Frac water and off load frac sand. Well is lock and secured. - 18

## #7-8-45 BTR 5/30/2011 06:00 - 5/31/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33820	UT	DUCHESNE	Black Tail Ridge	Released for Work		Recompletion

### Time Log Summary

Well Shut in and Secured, Waiting on HES. - 3, Safety meeting with HES crew, discuss close spacing on rig up. Checked pressure on the well head, 30 psi. Spotted in remaining Frac equipment, slow R/U due to size of location & tight quarters. R/U equipment & up treating iron to well head. Shut in and secured well. - 3.5, Well locked and secured. - 17.5

**Bill Barrett Corporation****Daily Completion and Workover****Well Name: #7-8-45 BTR****Report # 14.0, Report Date: 6/1/2011****Phase:**

Well Name #7-8-45 BTR	API/UWI 43-013-33820	License No.	Extra Well ID B	Operator Bill Barrett Corporation	Govt Authority
Well Configuration Type	Original KB Elevation (ft) 6,155.00	Ground Elevation (ft) 6,140.00	KB-Ground Distance (ft) 15.00	Regulatory Drilling Spud Date 8/7/2008	Regulatory Rig Release Date
Surface Legal Location SWNE-4S-5W-W30M	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (DMS)	Longitude (DMS)	Basin Uinta	Field Name Black Tail Ridge	County DUCHESE	State/Province UT

**Jobs**

Job Category Completion/Workover	Primary Job Type Recompletion	Start Date 5/2/2011	End Date
Target Depth (ftKB) 8,429.0	Target Formation Lower Green River	AFE Number	Total AFE+Sup
		Total Fld Cost	Total Final Invoice ... 0.00
		AFE-Field Estimate	Drilling TD Date
			Drilled Depth (ft)

**Daily Operations**

Report Start Date 6/1/2011	Report End Date 6/2/2011	Weather P. Cloudy	Temperature (°F) 40.0	Road Condition
24 Hour Summary Batch frac tanks & Move empty frac tanks. MIRU w/o Rig, & equip. Unload Tbg. ND Frac Tree, NU BOP, Unload Tbg.			Operations Next Report Period PU Tbg., Drillout	

**Daily Contacts**

Contact Name	Office
Lonnie Kelly	307-922-1001

**Daily Time Breakdown**

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code	Category	Phase	Problem Ref #	Comment
06:00	13:00	7.00	7.00	GOP	General Operations			Cont. to batch frac tanks & move off empty ones.
13:00	13:30	0.50	7.50	SM...	Safety Meeting			JSA Safety Meeting
13:30	16:30	3.00	10.50	SRIG	Rig Up/Down			MIRU w/o Rig & equip., Unload 259 Jts. of 2 7/8" L80 eue. tbg.,
16:30	19:00	2.50	13.00	BOPI	Install BOP's			ND Frac tree, NU 7 1/16" 10K X 7 1/16" 5K spool, 7 1/16" 5K Double Gate BOP, 7 1/16 5K Mud cross, 7 1/16" 5K annular & Function test.
19:00	19:30	0.50	13.50	GOP	General Operations			Secure well, SDFN
19:30	06:00	10.50	24.00	LOCL	Lock Wellhead & Secure			WSI.

**Safety Checks**

Time	Description	Type	Comment

**Logs**

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

**Perforations**

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

**Stimulations & Treatments**

Date	Zone	Stage	Stim/Treat Company	
Sig No.	Stage Type	Top (ftKB)	Btm (ftKB)	V clean (bbl)

**Other In Hole**

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

**Cement**

Description	Start Date	Cement Comp

**Bill Barrett Corporation****Daily Completion and Workover**

Well Name: #7-8-45 BTR

Report # 15.0, Report Date: 6/2/2011

Phase:

Well Name #7-8-45 BTR	API/UWI 43-013-33820	License No.	Extra Well ID B	Operator Bill Barrett Corporation	Govt Authority
Well Configuration Type	Original KB Elevation (ft) 6,155.00	Ground Elevation (ft) 6,140.00	KB-Ground Distance (ft) 15.00	Regulatory Drilling Spud Date 8/7/2008	Regulatory Rig Release Date
Surface Legal Location SWNE-4S-5W-W30M	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (DMS)	Longitude (DMS)	Basin Uinta	Field Name Black Tail Ridge	County DUCHESNE	State/Province UT

**Jobs**

Job Category Completion/Workover	Primary Job Type Recompletion	Start Date 5/2/2011	End Date
Target Depth (ftKB) 8,429.0	Target Formation Lower Green River	AFF Number 00	Total Final Invoice ... I AFF-Field Estimate
		Drilling TD Date	Drilled Depth (ft)

**Daily Operations**

Report Start Date 6/2/2011	Report End Date 6/3/2011	Weather P. Cloudy	Temperature (°F) 45.0	Road Condition
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**24 Hour Summary**

PU Tbg. &amp; Flush w/ Hot water. Round Trip w/ POB sub.

Operations Next Report Period

Drill out,

**Daily Contacts**

Contact Name Lonnie Kelly	Office 307-922-1001
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**Daily Time Breakdown**

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code	Category	Phase	Problem Ref #	Comment
06:00	07:00	1.00	1.00	LOCL	Lock Wellhead & Secure			WSI.
07:00	07:30	0.50	1.50	SM...	Safety Meeting			JSA Safety Meeting
07:30	08:00	0.50	2.00	SRIG	Rig Up/Down			RU work floor & Tbg. equip.
08:00	12:00	4.00	6.00	RUTB	Run Tubing			PU Tbg., RIH open ended Collar, 1 Jt., XN nipple, Cont. PU tbg., PU 179 Jts. & Tagged, EOT @ 5674' Layed down 4 Jts.
12:00	13:00	1.00	7.00	CLN	Clean Out Hole			RU Hot Oiler & Pressured up broke free @ 2500# Flush Tbg. w/ 60 Bbls. Hot water to flush parafin from pipe.
13:00	15:30	2.50	9.50	TRIP	Tripping			TOOH, had problems with tbg. longs.
15:30	17:30	2.00	11.50	DTIM	Downtime			wait on longs.
17:30	18:00	0.50	12.00	AS...	Install New Downhole Assembly			Make up 4 1/2" Smith tricone bit, POB sub, 1 Jt., XN Nipple.
18:00	18:30	0.50	12.50	GOP	General Operations			Secure well, SDFN
18:30	06:00	11.50	24.00	LOCL	Lock Wellhead & Secure			WSI

**Safety Checks**

Time	Description	Type	Comment
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**Logs**

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

**Perforations**

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status
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**Stimulations & Treatments**

Date	Zone	Stage	Slm/Treat Company
Sig No.	Stage Type	Top (ftKB)	Btm (ftKB)
			V clean (bbl)

**Other In Hole**

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)
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**Cement**

Description	Start Date	Cement Comp
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**Bill Barrett Corporation****Daily Completion and Workover**

Well Name: #7-8-45 BTR

Report # 16.0, Report Date: 6/3/2011

Phase:

Well Name #7-8-45 BTR	API/UWI 43-013-33820	License No.	Extra Well ID B	Operator Bill Barrett Corporation	Govt Authority
Well Configuration Type	Original KB Elevation (ft) 6,155.00	Ground Elevation (ft) 6,140.00	KB-Ground Distance (ft) 15.00	Regulatory Drilling Spud Date 8/7/2008	Regulatory Rig Release Date
Surface Legal Location SWNE-4S-5W-W30M	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (DMS)	Longitude (DMS)	Basin Uinta	Field Name Black Tail Ridge	County DUCHESNE	State/Province UT

**Jobs**

Job Category Completion/Workover	Primary Job Type Recompletion	Start Date 5/2/2011	End Date
Target Depth (ftKB) 8,429.0	Target Formation Lower Green River	AFE Number	Total AFE
		Total AFE Estimate	Drilling TD Date
			Drilled Depth (ft)

**Daily Operations**

Report Start Date 6/3/2011	Report End Date 6/4/2011	Weather P. Cloudy	Temperature (°F) 50.0	Road Condition
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**24 Hour Summary**

TIH, w/ Bit, Drill out, Test 3 Stages

Operations Next Report Period

Flowback

**Daily Contacts**

Contact Name Lonnie Kelly	Office 307-922-1001
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**Daily Time Breakdown**

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code	Category	Phase	Problem Ref #	Comment
06:00	07:00	1.00	1.00	LOCL	Lock Wellhead & Secure			WSI.
07:00	07:30	0.50	1.50	SRIG	Rig Up/Down			JSA Safety Meeting
07:30	10:00	2.50	4.00	TRIP	Tripping			TIH Tag plg. @ 6210'
10:00	10:30	0.50	4.50	SRIG	Rig Up/Down			RU Swivel
10:30	18:00	7.50	12.00	CLN	Clean Out Hole			Establish circ. w/ rig pump. displace csg. w/ N2 foam unit. Drill plgs as follows  plg @ 6210', Csg.-1000# Plg @ 6467', 15' of sand Csg.-500# Plg. @ 6846', 210' of sand Csg.-200' Circ. bottoms up Csg..back up to 600#
18:00	18:30	0.50	12.50	SRIG	Rig Up/Down			RD swivel
18:30	19:00	0.50	13.00	PULT	Pull Tubing			Lay down tbg. EOT @ 5660' above liner top.
19:00	06:00	11.00	24.00	FBCK	Flowback Well			Flowback Csg. thru out the night. Recovered 1427 Bbls., Csg.-130# Choke 34/64

**Safety Checks**

Time	Description	Type	Comment
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**Logs**

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

**Perforations**

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status
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**Stimulations & Treatments**

Date	Zone	Stage	Slm/Treat Company
Sig No.	Stage Type	Top (ftKB)	Btm (ftKB)
			V clean (bbl)

**Other In Hole**

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)
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**Cement**

Description	Start Date	Cement Comp
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Jun. 21, 2011



# Bill Barrett Corporation

## Daily Completion and Workover

Well Name: #7-8-45 BTR

Report # 17.0, Report Date: 6/4/2011

Phase:

Well Name #7-8-45 BTR	API/UWI 43-013-33820	License No.	Extra Well ID B	Operator Bill Barrett Corporation	Govt Authority
Well Configuration Type	Original KB Elevation (ft) 6,155.00	Ground Elevation (ft) 6,140.00	KB-Ground Distance (ft) 15.00	Regulatory Drilling Spud Date 8/7/2008	Regulatory Rig Release Date
Surface Legal Location SWNE-4S-5W-W30M	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (DMS)	Longitude (DMS)	Basin Uinta	Field Name Black Tail Ridge	County DUCHESNE	State/Province UT

### Jobs

Job Category Completion/Workover	Primary Job Type Recompletion	Start Date 5/2/2011	End Date
Target Depth (ftKB) 8,429.0	Target Formation Lower Green River	AFE Number	Total AFE Cost
		Total Field Cost	Drilling TD Date
			Drilled Depth (ft)

### Daily Operations

Report Start Date 6/4/2011	Report End Date 6/5/2011	Weather Clear	Temperature (°F) 55.0	Road Condition
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### 24 Hour Summary

TIH to CIBP &amp; Jet., Pull Pipe above Liner Top. Cont. Flowback thru Csg.

Operations Next Report Period

Flowback

### Daily Contacts

Contact Name Lonnie Kelly	Office 307-922-1001
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### Daily Time Breakdown

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code	Category	Phase	Problem Ref #	Comment
06:00	07:00	1.00	1.00	FBCK	Flowback Well			Flowback Csg. to open lop
07:00	07:30	0.50	1.50	SM...	Safety Meeting			JSA Safety Meeting
07:30	08:30	1.00	2.50	RUTB	Run Tubing			PU tbg. tag @ 6970' washed down to 6990'
08:30	16:00	7.50	10.00	CLN	Clean Out Hole			Start pumping N2 w/ Rig pump @ .5 Bbls./min., Returning 2 Bbls./min. Light Oil Csg. started @ 120#, 65 BWPH @15:00 Csg.-980# still light oil, No burnable gas., Shut down N2 unit also changed choke to 24/64.
16:00	17:00	1.00	11.00	TRIP	Tripping			TOOH to liner top.
17:00	06:00	13.00	24.00	FBCK	Flowback Well			Flowback Csg. As of 04:30 Choke 24/64 FCP-100# BWRPH-17 BWRAP-2660 BWLTR-8436

### Safety Checks

Time	Description	Type	Comment
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### Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

### Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status
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### Stimulations & Treatments

Date					Zone		Stage		Slurr/Treat Company	
Stg No.	Stage Type			Top (ftKB)			Btm (ftKB)		V clean (bbl)	

### Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)
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### Cement

Description	Start Date	Cement Comp
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## Daily Completion and Workover

Well Name: #7-8-45 BTR

Report # 18.0, Report Date: 6/5/2011

Phase:

Well Name #7-8-45 BTR	API/UWI 43-013-33820	License No.	Extra Well ID B	Operator Bill Barrett Corporation	Govt Authority
Well Configuration Type	Original KB Elevation (ft) 6,155.00	Ground Elevation (ft) 6,140.00	KB-Ground Distance (ft) 15.00	Regulatory Drilling Spud Date 8/7/2008	Regulatory Rig Release Date
Surface Legal Location SWNE-4S-5W-W30M	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (DMS)	Longitude (DMS)	Basin Uinta	Field Name Black Tail Ridge	County DUCHESE	State/Province UT

## Jobs

Job Category Completion/Workover	Primary Job Type Recompletion	Start Date 5/2/2011	End Date
Target Depth (ftKB) 8,429.0	Target Formation Lower Green River	Drilling TD Date	Drilled Depth (ft)

## Daily Operations

Report Start Date 6/5/2011	Report End Date 6/6/2011	Weather Sunny	Temperature (°F) 65.0	Road Condition
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## 24 Hour Summary

TIH to CIBP & Jet w/ N2, Pull Pipe above Liner Top, Cont. Flowback Csg.	Operations Next Report Period Drill out to PBTD
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## Daily Contacts

Contact Name Lonnie Kelly	Office 307-922-1001
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## Daily Time Breakdown

Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code	Category	Phase	Problem Ref #	Comment
06:00	07:00	1.00	1.00	FBCK	Flowback Well			Flowback Csg. Thru Test equip.
07:00	07:30	0.50	1.50	SM...	Safety Meeting			JSA Safety Meeting
07:30	08:30	1.00	2.50	TRIP	Tripping			TIH to CIBP
08:30	17:30	9.00	11.50	CLN	Clean Out Hole			Start pumping N2 w/ Rig pump @ .5 Bbls./min., Returning 2 Bbls./min. Light Oil Csg. started @ 85#, 65 BWPH @16:30 Csg.-550# still light oil, No burnable gas., Shut down N2 unit also changed choke to 24/64.
17:30	18:30	1.00	12.50	PULT	Pull Tubing			Pull Tbg. above liner top. Top Kill Tbg. Pull String float.
18:30	06:00	11.50	24.00	FBCK	Flowback Well			Cont. Flowback Csg. Thru test equip. As of 04:30 Choke 24/64 FCP-5# BWRAP-3650 BWLTR-7445 BWRL24hr-977

## Safety Checks

Time	Description	Type	Comment
------	-------------	------	---------

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

## Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status
------	------	------------	------------	----------------

## Stimulations &amp; Treatments

Date		Zone		Stage		Sum/Treat Company	
Stg No.	Stage Type		Top (ftKB)		Btm (ftKB)		V clean (bbl)

## Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)
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## Cement

Description	Start Date	Cement Comp
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**Bill Barrett Corporation****Daily Completion and Workover****Well Name: #7-8-45 BTR****Report # 19.0, Report Date: 6/6/2011****Phase:**

Well Name <b>#7-8-45 BTR</b>	API/UWI <b>43-013-33820</b>	License No.	Extra Well ID B	Operator <b>Bill Barrett Corporation</b>	Govt Authority
Well Configuration Type	Original KB Elevation (ft) <b>6,155.00</b>	Ground Elevation (ft) <b>6,140.00</b>	KB-Ground Distance (ft) <b>15.00</b>	Regulatory Drilling Spud Date <b>8/7/2008</b>	Regulatory Rig Release Date
Surface Legal Location <b>SWNE-4S-5W-W30M</b>	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (DMS)	Longitude (DMS)	Basin <b>Uinta</b>	Field Name <b>Black Tail Ridge</b>	County <b>DUCHESNE</b>	State/Province <b>UT</b>

**Jobs**

Job Category <b>Completion/Workover</b>	Primary Job Type <b>Recompletion</b>	Start Date <b>5/2/2011</b>	End Date
Target Depth (ftKB) <b>8,429.0</b>	Target Formation <b>Lower Green River</b>	AFE Number	Total AFE+Sur
		Total Est Cost	Total Final Invoice
		AFE-Field Estimate	Drilling TD Date
			Drilled Depth (ft)

**Daily Operations**

Report Start Date <b>6/6/2011</b>	Report End Date <b>6/7/2011</b>	Weather <b>Sunny</b>	Temperature (°F) <b>65.0</b>	Road Condition
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**24 Hour Summary**

TIH, Drill out CIBP & Clean out to FC, Laydown Tbg., Land Hanger, Pump off Bit., Flowback

Operations Next Report Period  
Swab

**Daily Contacts**

Contact Name	Office
<b>Lonnie Kelly</b>	<b>307-922-1001</b>

**Daily Time Breakdown**

Daily Time Breakdown																																																																																																																																
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code	Category	Phase	Problem Ref #	Comment																																																																																																																								
06:00	07:00	1.00	1.00	FBCK	Flowback Well			Flowing Csg. to open top tanks. CSG.-																																																																																																																								
07:00	07:30	0.50	1.50	SM...	Safety Meeting			JSA Safety Meeting																																																																																																																								
07:30	08:30	1.00	2.50	TRIP	Tripping			TIH, Tag CIBP @ 7018'																																																																																																																								
08:30	09:00	0.50	3.00	SRIG	Rig Up/Down			RU Swivel																																																																																																																								
09:00	15:00	6.00	9.00	CLN	Clean Out Hole			Establish Circ. w/ N2 & Rig pump @ .5 Bbls./min. Circ. for 45 min. to Displace fluid w/ N2.  Drill out Plg. as follows: CIBP @ 7018', Csg.-600# Made 1 connection, hang back swivel, PU tbg. to tag fill. @ 8406'. RU swivel. 70' of fill on bottom Clean out to 8426'. Circ. Bottoms up. Csg.-																																																																																																																								
15:00	15:30	0.50	9.50	SRIG	Rig Up/Down			RD Swivel																																																																																																																								
15:30	17:30	2.00	11.50	PULT	Pull Tubing			Laydown tbg. to Landing depth PU Hanger Stage thru BOP slack.  Land Tbg. as follows: Tubing Description: Tubing - Production Set Depth (ftKB): 6,246.8 Run Date: 2011/05/06 16:00 Pull Date:  Tubing Components  <table><tr><th>Jts (lbs/ft)</th><th>Item Description</th><th>Grade</th><th>Top Thread</th><th>OD (in)</th><th>ID (in)</th><th>WT Len (ft)</th><th>Top (ftKB)</th></tr><tr><td>1</td><td>Tubing Hanger</td><td>7</td><td></td><td>2.441</td><td>6.5</td><td></td><td>L-80</td></tr><tr><td>8rd</td><td>0.44</td><td>0</td><td>0.4</td><td></td><td></td><td></td><td></td></tr><tr><td>195</td><td>Tubing</td><td>2 7/8</td><td>2.441</td><td>6.5</td><td></td><td></td><td>L-80 8rd</td></tr><tr><td>6,179.54</td><td>0.4</td><td></td><td>6,180.00</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>Profile Nipple</td><td>X2 7/8</td><td>2.313</td><td>6.5</td><td></td><td></td><td>L-80</td></tr><tr><td>8rd</td><td>1.21</td><td></td><td>6,180.00</td><td></td><td></td><td></td><td>6,181.20</td></tr><tr><td>1</td><td>Tubing</td><td>2 7/8</td><td>2.441</td><td>6.5</td><td></td><td></td><td>L-80 8rd</td></tr><tr><td>31.69</td><td>6,181.20</td><td></td><td>6,212.90</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>Profile Nipple</td><td>XN</td><td>2 7/8</td><td>2.205</td><td>6.5</td><td></td><td></td></tr><tr><td>L-80</td><td>8rd</td><td>1.32</td><td>6,212.90</td><td></td><td></td><td></td><td>6,214.20</td></tr><tr><td>1</td><td>Tubing</td><td>2 7/8</td><td>2.441</td><td>6.5</td><td></td><td></td><td>L-80 8rd</td></tr><tr><td>31.69</td><td>6,214.20</td><td></td><td>6,245.90</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>Pump Off Bit Sub</td><td>3 1/8</td><td>2.5</td><td>6.5</td><td></td><td></td><td></td></tr><tr><td>L-80</td><td>8rd</td><td>0.95</td><td>6,245.90</td><td></td><td></td><td></td><td>6,246.80</td></tr></table>	Jts (lbs/ft)	Item Description	Grade	Top Thread	OD (in)	ID (in)	WT Len (ft)	Top (ftKB)	1	Tubing Hanger	7		2.441	6.5		L-80	8rd	0.44	0	0.4					195	Tubing	2 7/8	2.441	6.5			L-80 8rd	6,179.54	0.4		6,180.00					1	Profile Nipple	X2 7/8	2.313	6.5			L-80	8rd	1.21		6,180.00				6,181.20	1	Tubing	2 7/8	2.441	6.5			L-80 8rd	31.69	6,181.20		6,212.90					1	Profile Nipple	XN	2 7/8	2.205	6.5			L-80	8rd	1.32	6,212.90				6,214.20	1	Tubing	2 7/8	2.441	6.5			L-80 8rd	31.69	6,214.20		6,245.90					1	Pump Off Bit Sub	3 1/8	2.5	6.5				L-80	8rd	0.95	6,245.90				6,246.80
Jts (lbs/ft)	Item Description	Grade	Top Thread	OD (in)	ID (in)	WT Len (ft)	Top (ftKB)																																																																																																																									
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L-80	8rd	0.95	6,245.90				6,246.80																																																																																																																									
17:30	18:00	0.50	12.00	SRIG	Rig Up/Down			RD tbg. equip. & workfloor.																																																																																																																								

Jun. 21, 2011

**Bill Barrett Corporation****Schematic - Current****Well Name: #7-8-45 BTR**

Well Name #7-8-45 BTR	API/UWI 43-013-33820	License No.	Extra Well ID B	Operator Bill Barrett Corporation	Govt Authority
Well Configuration Type	Original KB Elevation (ft) 6,155.00	Ground Elevation (ft) 6,140.00	KB-Ground Distance (ft) 15.00	Regulatory Drilling Spud Date 8/7/2008	Regulatory Rig Release Date
Surface Legal Location SWNE-4S-5W-W30M	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (DMS)	Longitude (DMS)	Basin Uinta	Field Name Black Tail Ridge	County DUCHESNE	State/Province UT

**Most Recent Job**

Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type	Start Date 5/2/2011	End Date
-------------------------------------	----------------------------------	--------------------	------------------------	----------

Well Config: - Main Hole, 6/8/2011 7:13:55 AM

ftKB (MD)	ftKB (TVD)	Incl	Schematic - Actual		
0					
3,563	3,562	1.4	4-1, Tubing Hanger, 7, 2.441, 0, 0.4		
5,664	5,664	0.4	4-2, Tubing, 2 7/8, 2.441, 0, 6,179.5		
6,178	6,178	0.8	1-1, Casing Joints, 10 3/4, 9.950, -9, 3,572.0		
6,213	6,212	1.1	1-2, Float Collar, 10 3/4, 9.950, 3,563, 1.0		
6,246	6,245	1.2	1-3, Float Joint, 10 3/4, 9.950, 3,564, 45.1		
6,395	6,394	1.7	1-4, Shoe, 10 3/4, 9.950, 3,609, 1.0		
6,419	6,418	1.7	3-1, Tieback, 5 1/2, 4.892, 5,664, 8.2		
6,450	6,449	1.6	3-2, Liner Hanger, 5 1/2, 4.892, 5,673, 12.6		
6,639	6,638	0.6	3-3, Casing Joints, 5 1/2, 4.892, 5,685, 2.1		
6,710	6,709	1.0	2-1, Casing Joints, 7 5/8, 6.765, 0, 6,178.4		
6,738	6,737	1.2	2-2, Float Collar, 7 5/8, 6.765, 6,178, 1.0		
6,765	6,764	1.3	4-3, Profile Nipple X, 2 7/8, 2.313, 6,180, 1.2		
6,813	6,812	1.6	4-4, Tubing, 2 7/8, 2.441, 6,181, 31.7		
6,833	6,832	1.7	4-5, Profile Nipple XN, 2 7/8, 2.205, 6,213, 1.3		
6,922	6,921	2.1	2-3, Float Joint, 7 5/8, 6.765, 6,179, 38.6		
6,949	6,948	2.1	2-4, Shoe, 7 5/8, 6.765, 6,218, 1.0		
6,960	6,959	2.0	4-6, Tubing, 2 7/8, 2.441, 6,214, 31.7		
6,980	6,979	2.0	4-7, Pump Off Bit Sub, 3 1/8, 2.500, 6,246, 0.9		
7,000	6,999	2.3			
7,098	7,097	2.1			
7,304	7,303	0.5			
7,368	7,367	0.6			
7,448	7,447	0.7			
7,495	7,494	0.6			
7,605	7,604	0.4			
7,660	7,659	0.4			
7,735	7,734	0.7			
7,822	7,821	0.7			
7,965	7,964	1.0			
8,028	8,027	1.3			
8,280					
8,523					
			3-4, Casing Joints, 5 1/2, 4.670, 5,687, 2,789.1		
			3-5, Float Collar, 5 1/2, 8,476, 1.0		
			3-6, Float Joint, 5 1/2, 8,477, 45.7		
			3-7, Shoe, 5 1/2, 8,523, 1.0		

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Bill Barrett Corporation Operator Account Number: N N216  
Address: 1099 18th Street, Suite 2300  
city Denver  
state CO zip 80202 Phone Number: (303) 312-8546

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333820	# 7-8-45 BTR		SWNE	8	4S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>E</i>	16974	16974	7/23/2008		6/6/2011		
Comments: <u>Recompleted well to a different producing formation: GRRV.</u> <span style="float: right;"><i>6/29/11</i></span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Brady Riley

**Brady Riley**

Digitally signed by Brady Riley  
DN: cn=Brady Riley, o=Bill Barrett Corp, ou=Permit Analyst, email=briley@billbarrettcorp.com, c=US  
Date: 2011.06.29 08:06:24 -0600

Signature  
Permit Analyst  
Title

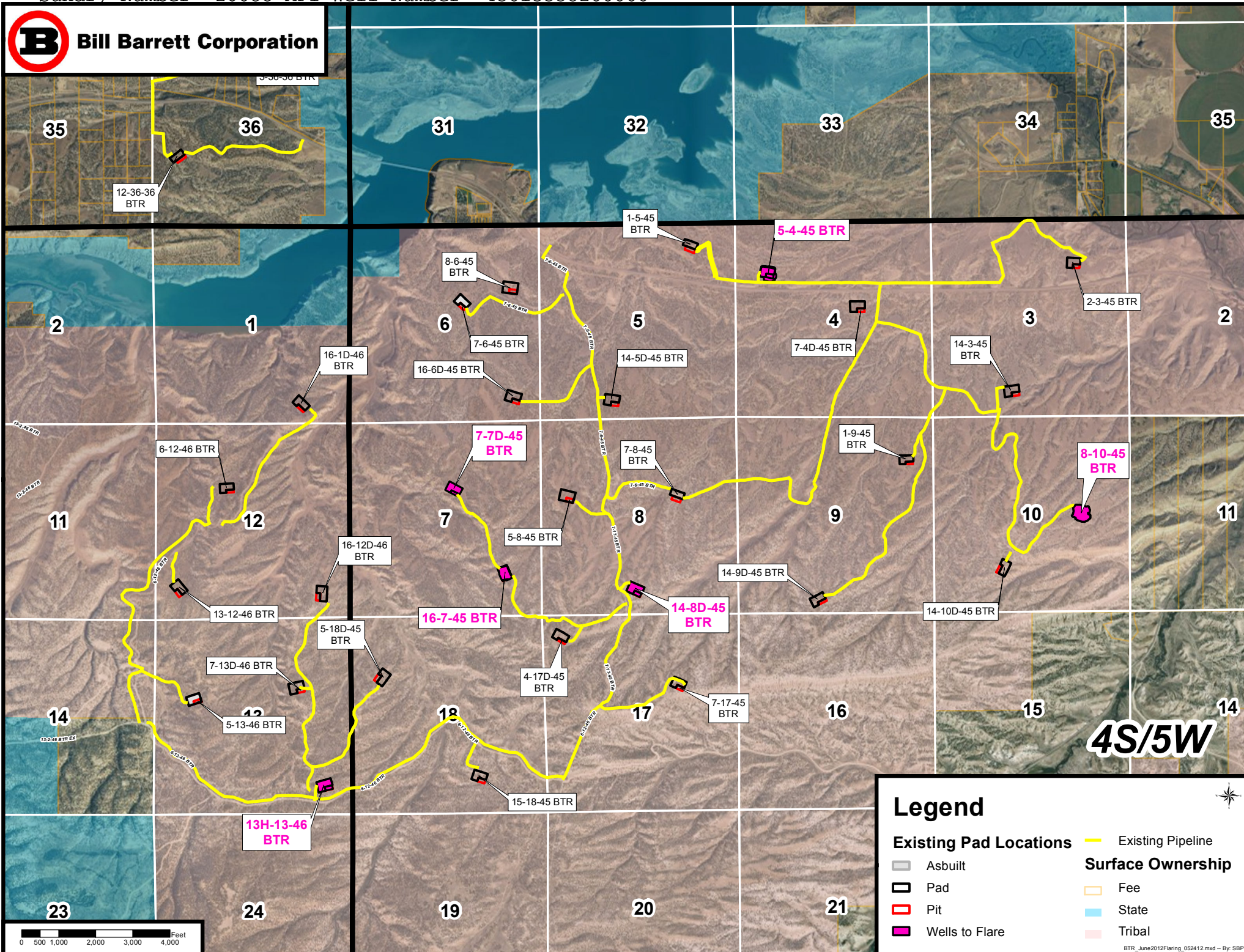
6/29/2011  
Date

**RECEIVED**  
**JUN 29 2011**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-6265			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE			
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> 7-8-45 BTR			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2100 FNL 1652 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 04.0S Range: 05.0W Meridian: U		<b>9. API NUMBER:</b> 43013338200000			
<b>5. FIELD and POOL or WILDCAT:</b> ALTAMONT		<b>6. COUNTY:</b> DUCHESNE			
<b>7. STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>5/31/2012</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input checked="" type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION          OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input checked="" type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input checked="" type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>BBC hereby requests permission to flare tribal lease wells in our Blacktail Ridge development area located in the Starvation area while El Paso upgrades their existing 6-inch pipeline to a 12-inch to handle current gas production rates. Current operating pressures are approximately 100 psi and the upgrade of the existing line will eliminate the current back pressure concerns such as reservoir damage, surface facility safety issues, production curtailment and lower wellbore recoveries. Additional details are attached.</p> </div> <div style="width: 30%; text-align: right;"> <p><b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b></p> <p><b>Date:</b> June 14, 2012</p> <p><b>By:</b> <u><i>Derek Quist</i></u></p> </div> </div>					
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst			
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/29/2012				

The gas will be flared at the six locations shown on the attached map (5-4-45, 7-7D-45, 8-10-45, 13H-13-46, 14-8D-45, or 16-7-45 wellsites). The flares utilized for combusting the gas have a combustion efficiency of approximately 98%. There are no other delivery points besides the bridge crossing at this point; therefore, associated gas from the oil wells will be flared to continue production of tribal minerals. BBC is requesting flare approval from May 31, 2012 to July 31, 2012 to allow for any potential construction delays. BBC would immediately begin flowing to the pipeline at such time construction is complete. Emergency Dispatch will be notified of the flaring operations. The flaring will also be monitored 24 hours a day by BBC personnel. BBC will still be metering the gas at the wellhead to continue royalty payments. BBC has spoken with the tribe and received their acceptance 05/24/2012 and received BLM sundry approval on 5/24/12.





## Legend

### Existing Pad Locations

- Asbuilt
- Pad
- Pit
- Wells to Flare

### Existing Pipeline

- Existing Pipeline
- Fee
- State
- Tribal



Effective Date: 11/1/2016

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202	Rig II, LLC 1582 West 2600 South Woods Cross, UT 84087
CA Number(s):	Unit(s):

**WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2016
2. Sundry or legal documentation was received from the **NEW** operator on: 10/21/2016
3. New operator Division of Corporations Business Number: 8256968-0160

**REVIEW:**

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: 10/21/2016
3. Reports current for Production/Disposition & Sundries: 11/2/2016
4. OPS/SI/TA well(s) reviewed for full cost bonding: 11/3/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: 11/3/2016
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): 11/3/2016

**NEW OPERATOR BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UTB000712
2. Indian well(s) covered by Bond Number: LPM 922467
3. State/fee well(s) covered by Bond Number(s): 9219529

**DATA ENTRY:**

1. Well(s) update in the **OGIS** on: 11/7/2016
2. Entity Number(s) updated in **OGIS** on: 11/7/2016
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/7/2016
6. Surface Facilities update in **RBDMS** on: N/A

**COMMENTS:**

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
SWD 9-36 BTR	9	030S	060W	4301350646	18077	Indian	Fee	WD	A
16-6D-46 BTR SWD	6	040S	060W	4301350781	18327	Indian	Fee	WD	A
6-32-36 BTR SWD	32	030S	060W	4301350921	18329	Indian	Fee	WD	A
LC TRIBAL 8-26D-47	26	040S	070W	4301334024		Indian	Indian	OW	APD
16-21D-37 BTR	21	030S	070W	4301350758		Indian	Fee	OW	APD
14-11D-37 BTR	11	030S	070W	4301350862		Indian	Fee	OW	APD
7-17D-46 BTR	17	040S	060W	4301350883		Indian	Indian	OW	APD
14-12D-37 BTR	12	030S	070W	4301350894		Indian	Fee	OW	APD
1-18D-36 BTR	18	030S	060W	4301350922		Indian	Fee	OW	APD
13-2D-45 BTR	2	040S	050W	4301350931		Indian	Indian	OW	APD
5H-16-46 BTR	16	040S	060W	4301350992		Indian	Indian	OW	APD
9H-17-45 BTR	17	040S	050W	4301351098		Indian	Indian	OW	APD
13H-8-46 BTR UB	8	040S	060W	4301351124		Indian	Indian	OW	APD
8H-9-46 BTR	9	040S	060W	4301351140		Indian	Indian	OW	APD
LC TRIBAL 7-31D-37	31	030S	070W	4301351147		Indian	Fee	OW	APD
14-16D-45 BTR	16	040S	050W	4301351178		Indian	Indian	OW	APD
16-19D-37 BTR	19	030S	070W	4301351179		Indian	Fee	OW	APD
6-2D-45 BTR	2	040S	050W	4301351234		Indian	Indian	OW	APD
2-2D-45 BTR	2	040S	050W	4301351235		Indian	Indian	OW	APD
10-26-35 BTR	26	030S	050W	4301351248		Indian	Fee	OW	APD
LC TRIBAL 1H-33-46	33	040S	060W	4301351257		Indian	Fee	OW	APD
LC TRIBAL 9-25D-46	25	040S	060W	4301351276		Indian	Indian	OW	APD
LC TRIBAL 8H-30-45	30	040S	050W	4301351277		Indian	Indian	OW	APD
LC TRIBAL 16H-30-45	30	040S	050W	4301351279		Indian	Indian	OW	APD
LC TRIBAL 13-30D-45	30	040S	050W	4301351282		Indian	Indian	OW	APD
LC TRIBAL 16H-36-46	36	040S	060W	4301351291		Indian	Indian	OW	APD
LC TRIBAL 13H-30-46	30	040S	060W	4301351321		Indian	Indian	OW	APD
LC TRIBAL 13H-31-46	31	040S	060W	4301351326		Indian	Indian	OW	APD
LC TRIBAL 16-31D-46	31	040S	060W	4301351328		Indian	Indian	OW	APD
LC TRIBAL 5H-26-47	26	040S	070W	4301351337		Indian	Indian	OW	APD
LC TRIBAL 5H-19-45	20	040S	050W	4301351349		Indian	Indian	OW	APD
LC TRIBAL 16-36D-47	36	040S	070W	4301351363		Indian	Indian	OW	APD
15-4D-47 BTR	4	040S	070W	4301351377		Indian	Fee	OW	APD
16-23D-46 LC TRIBAL	23	040S	060W	4301351396		Indian	Fee	OW	APD
15-2D-36 BTR	2	030S	060W	4301351419		Indian	Fee	OW	APD
16-23D-37 BTR	23	030S	070W	4301351420		Indian	Fee	OW	APD
11-9D-47 BTR	9	040S	070W	4301351422		Indian	Fee	OW	APD
15-13D-47 BTR	13	040S	070W	4301351424		Indian	Indian	OW	APD
LC TRIBAL 15-19D-46	19	040S	060W	4301351426		Indian	Indian	OW	APD
16-13D-45 BTR	13	040S	050W	4301351428		Indian	Indian	OW	APD



From: Bill Barrett Corporation

To: Rig II, LLC

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14-12D-45 BTR	12	040S	050W	4301351444		Indian	Indian	OW	APD
16-14D-45 BTR	14	040S	050W	4301351445		Indian	Indian	OW	APD
5-13D-45 BTR	13	040S	050W	4301351446		Indian	Indian	OW	APD
LC TRIBAL 16-26D-46	26	040S	060W	4301351450		Indian	State	OW	APD
LC TRIBAL 16-34D-46	34	040S	060W	4301351451		Indian	State	OW	APD
16-12D-45 BTR	12	040S	050W	4301351452		Indian	Indian	OW	APD
8-12D-45 BTR	12	040S	050W	4301351453		Indian	Indian	OW	APD
LC TRIBAL 1-35D-46	35	040S	060W	4301351454		Indian	Fee	OW	APD
16-25D-37 BTR	25	030S	070W	4301351455		Indian	Fee	OW	APD
LC TRIBAL 13H-29-46	28	040S	060W	4301351462		Indian	Fee	OW	APD
LC TRIBAL 14-30D-37	30	030S	070W	4301351494		Indian	Fee	OW	APD
7-13D-45 BTR	13	040S	050W	4301351497		Indian	Indian	OW	APD
LC TRIBAL 4H-35-46	35	040S	060W	4301351515		Indian	Fee	OW	APD
LC TRIBAL 13H-19-46	19	040S	060W	4301351543		Indian	Indian	OW	APD
16-26D-37 BTR	26	030S	070W	4301351598		Indian	Fee	OW	APD
LC TRIBAL 16-31D-37	31	030S	070W	4301351610		Indian	Fee	OW	APD
5-4-35 BTR	4	030S	050W	4301351613		Indian	Fee	OW	APD
LC TRIBAL 16-31D-47	31	040S	070W	4301351616		Indian	Indian	OW	APD
LC TRIBAL 13H-31-47	31	040S	070W	4301351617		Indian	Indian	OW	APD
LC TRIBAL 13-32D-47	32	040S	070W	4301351619		Indian	Indian	OW	APD
LC TRIBAL 16H-32-47	32	040S	070W	4301351620		Indian	Indian	OW	APD
LC TRIBAL 1-32D-47	32	040S	070W	4301351624		Indian	Indian	OW	APD
LC TRIBAL 4H-32-47	32	040S	070W	4301351625		Indian	Indian	OW	APD
LC TRIBAL 13-28D-47	28	040S	070W	4301351627		Indian	Indian	OW	APD
LC TRIBAL 13H-29-47	28	040S	070W	4301351628		Indian	Indian	OW	APD
LC TRIBAL 16H-28-47	28	040S	070W	4301351629		Indian	Indian	OW	APD
LC TRIBAL 1-28D-47	28	040S	070W	4301351639		Indian	Indian	OW	APD
LC TRIBAL 1H-27-47	28	040S	070W	4301351640		Indian	Indian	OW	APD
LC TRIBAL 4H-28-47	28	040S	070W	4301351641		Indian	Indian	OW	APD
LC TRIBAL 7-25D-58	25	050S	080W	4301351643		Indian	Indian	OW	APD
LC TRIBAL 6-25D-58	25	050S	080W	4301351644		Indian	Indian	OW	APD
LC TRIBAL 13H-24-58	24	050S	080W	4301351645		Indian	Indian	OW	APD
LC TRIBAL 16-24D-58	24	050S	080W	4301351646		Indian	Indian	OW	APD
LC Tribal 8-23D-46	23	040S	060W	4301351654		Indian	Fee	OW	APD
LC Tribal 16-35D-45	35	040S	050W	4301351656		Indian	Fee	OW	APD
LC Tribal 13H-35-45	35	040S	050W	4301351657		Indian	Fee	OW	APD
LC Tribal 16-36D-45	36	040S	050W	4301351658		Indian	Fee	OW	APD
LC Tribal 13H-36-45	36	040S	050W	4301351659		Indian	Fee	OW	APD
LC Tribal 5-36D-45	36	040S	050W	4301351661		Indian	Fee	OW	APD
LC Tribal 8-26D-46	26	040S	060W	4301351663		Indian	Fee	OW	APD
3-29D-36 BTR	29	030S	060W	4301351665		Indian	Fee	OW	APD

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To: Rig II, LLC

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LC Tribal 5-35D-45	35	040S	050W	4301351666	Indian	Fee	OW	APD
LC Tribal 5-24D-46	24	040S	060W	4301351668	Indian	Indian	OW	APD
LC TRIBAL 6-12D-58	12	050S	080W	4301351696	Indian	Indian	OW	APD
LC TRIBAL 8-12D-58	12	050S	080W	4301351697	Indian	Indian	OW	APD
LC TRIBAL 16H-22-47	21	040S	070W	4301351700	Indian	Indian	OW	APD
5-25D-37 BTR	25	030S	070W	4301351803	Indian	Fee	OW	APD
8-3D-36 BTR	3	030S	060W	4301351804	Indian	Fee	OW	APD
14-26D-37 BTR	26	030S	070W	4301351805	Indian	Fee	OW	APD
9-4-35 BTR	4	030S	050W	4301351806	Indian	Fee	OW	APD
11-4D-35 BTR	4	030S	050W	4301351807	Indian	Fee	OW	APD
16-27D-37 BTR	27	030S	070W	4301351808	Indian	Fee	OW	APD
14-27D-37 BTR	27	030S	070W	4301351809	Indian	Fee	OW	APD
14-16D-46 BTR	16	040S	060W	4301351812	Indian	Indian	OW	APD
LC Tribal 16-35D-48	35	040S	080W	4301351847	Indian	Indian	OW	APD
LC Tribal 13H-35-48	35	040S	080W	4301351848	Indian	Indian	OW	APD
LC Tribal 13-2D-58	11	050S	080W	4301351850	Indian	Indian	OW	APD
5-13D-36 BTR	13	030S	060W	4301351862	Indian	Fee	OW	APD
5-8D-36 BTR	8	030S	060W	4301351871	Indian	Fee	OW	APD
16-1D-36 BTR	1	030S	060W	4301351872	Indian	Fee	OW	APD
8-18D-46 BTR	18	040S	060W	4301351897	Indian	Fee	OW	APD
LC Tribal 5-36D-46	36	040S	060W	4301351905	Indian	Indian	OW	APD
LC Tribal 5-26D-45	26	040S	050W	4301351907	Indian	Indian	OW	APD
14-13D-45 BTR	13	040S	050W	4301351974	Indian	Indian	OW	APD
14-34D-46 DLB	34	040S	060W	4301351975	Indian	Fee	OW	APD
LC Tribal 5-21D-45	21	040S	050W	4301352001	Indian	Indian	OW	APD
LC Tribal 8-22D-45	22	040S	050W	4301352002	Indian	Indian	OW	APD
LC Tribal 8-25D-45	25	040S	050W	4301352007	Indian	Indian	OW	APD
LC Tribal 16-25D-45	25	040S	050W	4301352008	Indian	Indian	OW	APD
LC Tribal 16-22D-45	22	040S	050W	4301352009	Indian	Indian	OW	APD
LC Tribal 16-26D-45	26	040S	050W	4301352010	Indian	Indian	OW	APD
LC Tribal 14-31D-37	31	030S	070W	4301352016	Indian	Fee	OW	APD
5-12D-45 BTR	12	040S	050W	4301352030	Indian	Indian	OW	APD
LC Tribal 9-20D-45	20	040S	050W	4301352031	Indian	Indian	OW	APD
LC Tribal 13-35D-47	35	040S	070W	4301352055	Indian	Indian	OW	APD
LC Tribal 1-23D-47	23	040S	070W	4301352057	Indian	Indian	OW	APD
9-17D-46 BTR	17	040S	060W	4301352059	Indian	Indian	OW	APD
11-18D-46 BTR	18	040S	060W	4301352060	Indian	Indian	OW	APD
9-10D-47 BTR	10	040S	070W	4301352092	Indian	Fee	OW	APD
LC Tribal 1-17D-47	17	040S	070W	4301352096	Indian	Fee	OW	APD
7-35D-37 BTR	35	030S	070W	4301352115	Indian	Fee	OW	APD
14-25D-37 BTR	25	030S	070W	4301352116	Indian	Fee	OW	APD

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LC Tribal 5-25-46	25	040S	060W	4301352126	Indian	Indian	OW	APD
8-33D-35 BTR	33	030S	050W	4301352161	Indian	Fee	OW	APD
5-4D-36 BTR	4	030S	060W	4301352175	Indian	Fee	OW	APD
7-4D-36 BTR	4	030S	060W	4301352176	Indian	Fee	OW	APD
LC Tribal 4-36D-47	36	040S	070W	4301352186	Indian	Indian	OW	APD
LC Tribal 4-22D-46	22	040S	060W	4301352944	Indian	Indian	OW	APD
LC Tribal 16-22D-46	22	040S	060W	4301352945	Indian	Indian	OW	APD
LC Tribal 11-19D-46	19	040S	060W	4301352946	Indian	Indian	OW	APD
LC Tribal 7-20D-45	20	040S	050W	4301352947	Indian	Indian	OW	APD
15-11D-35 BTR	11	030S	050W	4301353056	Indian	Fee	OW	APD
13-11D-35 BTR	11	030S	050W	4301353057	Indian	Fee	OW	APD
BTR 16-36D-37	36	030S	070W	4301353059	Indian	Fee	OW	APD
4-29D-35 BTR	30	030S	050W	4301353060	Indian	Fee	OW	APD
1-30D-35 BTR	30	030S	050W	4301353061	Fee	Fee	OW	APD
LC TRIBAL 3-23D-46	23	040S	060W	4301353066	Indian	State	OW	APD
LC Tribal 14-23D-46	23	040S	060W	4301353067	Indian	State	OW	APD
LC Tribal 13-25D-46	25	040S	060W	4301353068	Indian	Indian	OW	APD
LC Tribal 14-26D-46	26	040S	060W	4301353069	Indian	State	OW	APD
LC Tribal 5-26D-46	26	040S	060W	4301353070	Indian	State	OW	APD
LC Tribal 11-35D-45	35	040S	050W	4301353071	Indian	State	OW	APD
LC Tribal 7-35D-45	35	040S	050W	4301353072	Indian	State	OW	APD
LC Tribal 3-35D-45	35	040S	050W	4301353075	Indian	State	OW	APD
LC Tribal 14-36D-45	36	040S	050W	4301353076	Indian	State	OW	APD
LC Tribal 13-36D-45	36	040S	050W	4301353077	Indian	State	OW	APD
LC Tribal 10-36D-45	36	040S	050W	4301353078	Indian	State	OW	APD
LC Tribal 8-36D-45	36	040S	050W	4301353079	Indian	State	OW	APD
LC Tribal 6-36D-45	36	040S	050W	4301353080	Indian	State	OW	APD
LC Tribal 1-34D-46	34	040S	060W	4301353081	Indian	State	OW	APD
LC Tribal 9-27D-46	27	040S	060W	4301353082	Indian	State	OW	APD
LC Tribal 13-35D-45	35	040S	050W	4301353083	Indian	State	OW	APD
LC Tribal 8-35D-45	35	040S	050W	4301353084	Indian	State	OW	APD
LC Tribal 15-35D-45	35	040S	050W	4301353085	Indian	State	OW	APD
LC Tribal 12-25D-45	25	040S	050W	4301353122	Indian	Indian	OW	APD
LC Tribal 14-25D-45	25	040S	050W	4301353123	Indian	Indian	OW	APD
LC Tribal 10-25D-45	25	040S	050W	4301353124	Indian	Indian	OW	APD
LC Tribal 11-26-45	26	040S	050W	4301353125	Indian	Indian	OW	APD
LC Tribal 13-26D-45	26	040S	050W	4301353126	Indian	Indian	OW	APD
LC Tribal 7-31D-46	31	040S	060W	4301353127	Indian	Indian	OW	APD
LC Tribal 7-19D-45	19	040S	050W	4301353128	Indian	Indian	OW	APD
LC Tribal 5-19D-45	19	040S	050W	4301353130	Indian	Indian	OW	APD
LC Tribal 7-25D-46	25	040S	060W	4301353132	Indian	Indian	OW	APD

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LC Tribal 7-24D-46	24	040S	060W	4301353134		Indian	Indian	OW	APD
LC Tribal 14-31D-46	31	040S	060W	4301353135		Indian	Indian	OW	APD
LC Tribal 14-30D-46	30	040S	060W	4301353136		Indian	Indian	OW	APD
13-4-35 BTR SWD	4	030S	050W	4301353293		Fee	Fee	OW	APD
LC FEE 14-26D-47	26	040S	070W	4301353294		Fee	Indian	OW	APD
LC Fee 5-25D-47	25	040S	070W	4301353295		Fee	Indian	OW	APD
7-35-46 LC SWD	35	040S	060W	4301353296		Fee	Fee	OW	APD
LC Fee 1H-33-47	32	040S	070W	4301353309		Fee	Indian	OW	APD
LC FEE 14-2D-58	2	050S	080W	4301353312		Fee	Indian	OW	APD
LC FEE 13H-21-47	21	040S	070W	4301353313		Fee	Indian	OW	APD
LC Fee 16-21D-47	21	040S	070W	4301353326		Fee	Indian	OW	APD
16-7D-46 BTR	7	040S	060W	4301353328		Fee	Indian	OW	APD
LC Fee 15-26D-47	26	040S	070W	4301353331		Fee	Indian	OW	APD
LC Fee 4-24D-47	23	040S	070W	4301353332		Fee	Indian	OW	APD
LC Fee 5-34D-47	34	040S	070W	4301353333		Fee	Indian	OW	APD
LC Fee 5-35D-47	35	040S	070W	4301353334		Fee	Indian	OW	APD
13-34D-47 LC Fee	34	040S	070W	4301353337		Fee	Indian	OW	APD
14-35D-35 BTR	35	030S	050W	4301352120		Fee	Fee	OW	DRL
6-17D-46 BTR	17	040S	060W	4301351078		Indian	Indian	OW	OPS
5-34D-35 BTR	34	030S	050W	4301351187		Indian	Fee	OW	OPS
5-10D-45 BTR	10	040S	050W	4301351221		Indian	Indian	OW	OPS
5-3D-45 BTR	3	040S	050W	4301351810		Indian	Indian	OW	OPS
9-34D-35 BTR	34	030S	050W	4301352117		Fee	Fee	OW	OPS
5-35D-35 BTR	35	030S	050W	4301352118		Fee	Fee	OW	OPS
1-2D-46 BTR	2	040S	060W	4301353086		Indian	Fee	OW	OPS
7-21-46 DLB	21	040S	060W	4301333567	16526	Indian	Indian	OW	P
LC TRIBAL 1H-27-46	27	040S	060W	4301333568	18175	Indian	Fee	GW	P
7-29-46 DLB	29	040S	060W	4301333584	17603	Indian	Fee	GW	P
LC TRIBAL 12H-28-46	28	040S	060W	4301333631	18132	Indian	Indian	GW	P
LC TRIBAL 13H-21-46	21	040S	060W	4301333632	18107	Indian	Indian	GW	P
12-36-36 BTR	36	030S	060W	4301333638	16336	Indian	Fee	GW	P
5-5-46 BTR	5	040S	060W	4301333639	16542	Indian	Fee	OW	P
5-23-36 BTR	23	030S	060W	4301333642	16675	Indian	Fee	GW	P
14-29-36 BTR	29	030S	060W	4301333643	16725	Indian	Fee	OW	P
14-30-36 BTR	30	030S	060W	4301333644	16701	Indian	Fee	GW	P
7-20-46 DLB	20	040S	060W	4301333657	16584	Indian	Indian	OW	P
LC TRIBAL 5-21D-46	21	040S	060W	4301333658	18887	Indian	Indian	OW	P
5-20-46 DLB	20	040S	060W	4301333659	18750	Indian	Indian	GW	P
LC TRIBAL 13H-20-46	20	040S	060W	4301333678	17979	Indian	Indian	GW	P
14-7-46 BTR	7	040S	060W	4301333806	16890	Indian	Indian	GW	P
7-8-45 BTR	8	040S	050W	4301333820	16974	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

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1-5-45 BTR	5	040S	050W	4301333868	16931	Indian	Indian	OW	P
5-16-36 BTR	16	030S	060W	4301333970	17195	Indian	Fee	OW	P
5-29-36 BTR	29	030S	060W	4301333972	17557	Indian	Fee	OW	P
4-30-36 BTR	30	030S	060W	4301333973	17249	Indian	Fee	OW	P
7-19-46 DLB	19	040S	060W	4301334004	19018	Indian	Indian	OW	P
5-25-36 BTR	25	030S	060W	4301334021	17126	Fee	Fee	OW	P
5-4-45 BTR	4	040S	050W	4301334089	17507	Indian	Indian	OW	P
13-2-46 BTR	2	040S	060W	4301334090	18618	Indian	Indian	OW	P
2-3-45 BTR	3	040S	050W	4301334099	17932	Indian	Indian	OW	P
7-6-45 BTR	6	040S	050W	4301334100	17653	Indian	Indian	OW	P
1-9-45 BTR	9	040S	050W	4301334101	17910	Indian	Indian	OW	P
8-10-45 BTR	10	040S	050W	4301334102	17530	Indian	Indian	OW	P
7-17-45 BTR	17	040S	050W	4301334104	17933	Indian	Indian	OW	P
16-7-45 BTR	7	040S	050W	4301334111	17665	Indian	Indian	OW	P
15-18-45 BTR	18	040S	050W	4301334112	17832	Indian	Indian	OW	P
6-12-46 BTR	12	040S	060W	4301334114	17964	Indian	Indian	OW	P
5-13-46 BTR	13	040S	060W	4301334115	17833	Indian	Indian	OW	P
16-26-36 BTR	26	030S	060W	4301334132	18028	Indian	Fee	OW	P
1-23-36 BTR	23	030S	060W	4301334136	17722	Indian	Fee	OW	P
15-10-36 BTR	10	030S	060W	4301334277	17419	Indian	Fee	OW	P
14-5-46 BTR	5	040S	060W	4301350307	17624	Fee	Fee	OW	P
14X-22-46 DLB	22	040S	060W	4301350351	17604	Indian	Indian	OW	P
16-13-36 BTR	13	030S	060W	4301350372	17853	Indian	Fee	OW	P
5-33-46 DLB	33	040S	060W	4301350397	17765	Indian	Fee	OW	P
5-34-46 DLB	34	040S	060W	4301350415	17801	Indian	State	GW	P
LC FEE 12H-32-46	32	040S	060W	4301350431	18003	Fee	Fee	OW	P
1-13D-47 BTR	13	040S	070W	4301350445	18205	Indian	Fee	OW	P
16-8D-45 BTR	8	040S	050W	4301350466	18799	Indian	Indian	OW	P
7-13D-46 BTR	13	040S	060W	4301350470	18076	Indian	Indian	OW	P
14-8D-45 BTR	8	040S	050W	4301350567	18207	Indian	Indian	OW	P
14-5D-45 BTR	5	040S	050W	4301350568	18108	Indian	Indian	OW	P
16-31D-36 BTR	31	030S	060W	4301350573	18004	Indian	Fee	OW	P
5-7D-46 BTR	7	040S	060W	4301350574	18176	Indian	Indian	OW	P
LC TRIBAL 13H-33-46	34	040S	060W	4301350575	18223	Indian	State	OW	P
5-8-45 BTR	8	040S	050W	4301350607	18279	Indian	Indian	OW	P
16-6D-45 BTR	6	040S	050W	4301350610	18177	Indian	Indian	OW	P
5-18D-45 BTR	18	040S	050W	4301350611	18300	Indian	Indian	OW	P
7-26-37 BTR	26	030S	070W	4301350641	18131	Indian	Fee	OW	P
3-11D-36 BTR	11	030S	060W	4301350642	18299	Indian	Fee	OW	P
16-1D-46 BTR	1	040S	060W	4301350675	18525	Indian	Indian	OW	P
14-3-45 BTR	3	040S	050W	4301350676	18363	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

4-17D-45 BTR	17	040S	050W	4301350687	18517	Indian	Indian	OW	P
5-6D-45 BTR	6	040S	050W	4301350688	18726	Indian	Indian	OW	P
7-7D-45 BTR	7	040S	050W	4301350689	18380	Indian	Indian	OW	P
14-10D-45 BTR	10	040S	050W	4301350754	18447	Indian	Indian	OW	P
14-9D-45 BTR	9	040S	050W	4301350755	18379	Indian	Indian	OW	P
13-16D-36 BTR	16	030S	060W	4301350757	18206	Indian	State	OW	P
5-9D-36 BTR	9	030S	060W	4301350843	18381	Indian	Fee	OW	P
16-5D-46 BTR	5	040S	060W	4301350844	18280	Fee	Fee	OW	P
5-27D-37 BTR	27	030S	070W	4301350847	18526	Indian	Fee	OW	P
7-4D-45 BTR	4	040S	050W	4301350884	18562	Indian	Indian	OW	P
2-16D-45 BTR	16	040S	050W	4301350899	18619	Indian	Indian	OW	P
16-10D-45 BTR	10	040S	050W	4301350902	18725	Indian	Indian	OW	P
5-2D-36 BTR	2	030S	060W	4301350913	18886	Indian	Fee	OW	P
13H-27-36 BTR	27	030S	060W	4301350918	18445	Indian	State	OW	P
8-16D-46 BTR	16	040S	060W	4301350953	19027	Indian	Indian	OW	P
16-16D-46 BTR	16	040S	060W	4301350956	19028	Indian	Indian	OW	P
16-9D-45 BTR	9	040S	050W	4301350962	18662	Indian	Indian	OW	P
14-31D-36 BTR	31	030S	060W	4301350973	18524	Indian	Fee	OW	P
5-10D-36 BTR	10	030S	060W	4301350978	18989	Indian	Fee	OW	P
1-32D-36 BTR	32	030S	060W	4301350979	18648	Indian	Fee	OW	P
16-12D-36 BTR	12	030S	060W	4301350980	18748	Indian	Fee	OW	P
2-18D-45 BTR	18	040S	050W	4301350991	18776	Indian	Indian	OW	P
3-1-46 BTR	1	040S	060W	4301351017	18777	Indian	Fee	OW	P
10-5-45 BTR	5	040S	050W	4301351062	18724	Indian	Indian	OW	P
12-4D-45 BTR	4	040S	050W	4301351063	18813	Indian	Indian	OW	P
1-10D-45 BTR	10	040S	050W	4301351064	18966	Indian	Indian	OW	P
16-2D-46 BTR	2	040S	060W	4301351079	18830	Indian	Indian	OW	P
9H-4-45 BTR	4	040S	050W	4301351092	18814	Indian	Indian	OW	P
12-17-45 BTR	17	040S	050W	4301351097	18984	Indian	Indian	OW	P
5-9D-46 BTR	9	040S	060W	4301351109	19313	Indian	Fee	OW	P
14-9D-36 BTR	9	030S	060W	4301351144	19004	Indian	Fee	OW	P
5-31D-36 BTR	31	030S	060W	4301351146	18691	Indian	Fee	OW	P
4-9D-45 BTR	9	040S	050W	4301351157	18883	Indian	Indian	OW	P
8-12D-46 BTR	12	040S	060W	4301351159	18911	Indian	Indian	OW	P
LC TRIBAL 16-23D-47	23	040S	070W	4301351180	18617	Indian	Indian	OW	P
14-7D-45 BTR	7	040S	050W	4301351222	18949	Indian	Indian	OW	P
5-16D-45 BTR	16	040S	050W	4301351223	18987	Indian	Indian	OW	P
4-5D-45 BTR	5	040S	050W	4301351242	18882	Indian	Indian	OW	P
LC TRIBAL 16H-19-45	19	040S	050W	4301351278	18627	Indian	Indian	OW	P
LC TRIBAL 13-19D-45	19	040S	050W	4301351280	18628	Indian	Indian	OW	P
LC TRIBAL 5-30D-45	30	040S	050W	4301351281	19448	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC TRIBAL 15-24D-46	24	040S	060W	4301351283	18626	Indian	Indian	OW	P
LC TRIBAL 13H-24-46	19	040S	050W	4301351289	18629	Indian	Indian	OW	P
7-16-47 BTR	16	040S	070W	4301351296	18950	Indian	Fee	OW	P
14-18D-45 BTR	18	040S	050W	4301351313	19005	Indian	Indian	OW	P
LC TRIBAL 16-30D-46	30	040S	060W	4301351320	19006	Indian	Indian	OW	P
LC TRIBAL 5-20D-45	20	040S	050W	4301351331	19449	Indian	Indian	OW	P
11-8D-46 BTR	8	040S	060W	4301351336	19314	Indian	Indian	OW	P
5-7D-45 BTR	7	040S	050W	4301351350	18951	Indian	Indian	OW	P
7-5-35 BTR	5	030S	050W	4301351599	19078	Indian	Fee	OW	P
13-5D-35 BTR	5	030S	050W	4301351600	18996	Indian	Fee	OW	P
11-5D-35 BTR	5	030S	050W	4301351601	19061	Fee	Fee	OW	P
15-5D-35 BTR	5	030S	050W	4301351602	19062	Fee	Fee	OW	P
9-5D-35 BTR	5	030S	050W	4301351609	19029	Indian	Fee	OW	P
3-5D-35 BTR	5	030S	050W	4301351638	19079	Indian	Fee	OW	P
7-8-46 BTR	8	040S	060W	4301351702	19315	Indian	Indian	OW	P
7-30-46 DLB	30	040S	060W	4301351703	18997	Fee	Indian	OW	P
3-13D-46 BTR	13	040S	060W	4301351718	18881	Indian	Indian	OW	P
2-13D-46 BTR	13	040S	060W	4301351719	18885	Indian	Indian	OW	P
12-12D-46 BTR	12	040S	060W	4301351720	18867	Indian	Indian	OW	P
10-12D-46 BTR	12	040S	060W	4301351721	18856	Indian	Indian	OW	P
11-11D-47 BTR	11	040S	070W	4301352091	19633	Fee	Fee	OW	P
7-12D-47 BTR	12	040S	070W	4301352094	19600	Indian	Fee	OW	P
5-12D-47 BTR	12	040S	070W	4301352095	19634	Indian	Fee	OW	P
14-33D-35 BTR	33	030S	050W	4301352162	19450	Indian	Fee	OW	P
16-33D-35 BTR	33	030S	050W	4301352163	19451	Indian	Fee	OW	P
14-22-46 DLB	22	040S	060W	4301333660	17604	Indian	Indian	D	PA
13H-31-36 BTR	31	030S	060W	4301350465	18485	Indian	Fee	OW	PA
16X-23D-36 BTR	23	030S	060W	4301350623	18007	Indian	State	OW	PA
8-6-45 BTR	6	040S	050W	4301350900	18561	Indian	Indian	OW	PA
13-13-36 BTR	13	030S	060W	4301350919	18364	Indian	Fee	OW	PA
7-28-46 DLB	28	040S	060W	4301333569	16460	Indian	Indian	OW	S
5-21-36 BTR	21	030S	060W	4301333641	16674	Indian	Fee	GW	S
13-26-36 BTR	26	030S	060W	4301333980	17569	Indian	Fee	OW	S
14-1-46 BTR	1	040S	060W	4301334113	18516	Indian	Indian	OW	S
16-21-36 BTR	21	030S	060W	4301334130	17721	Indian	Fee	OW	S
14-21-36 BTR	21	030S	060W	4301334131	18006	Indian	Fee	OW	S
7-16-36 BTR	16	030S	060W	4301334133	17834	Indian	Fee	OW	S
1-30-36 BTR	30	030S	060W	4301334134	17905	Indian	Fee	OW	S
16-30-36 BTR	30	030S	060W	4301334135	18005	Indian	Fee	OW	S
3-23-36 BTR	23	030S	060W	4301334137	17860	Indian	Fee	OW	S
16-16-36 BTR	16	030S	060W	4301334138	17666	Indian	Fee	OW	S

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

4-26-36 BTR	26	030S	060W	4301334139	17620	Fee	Fee	OW	S
9-11-36 BTR	11	030S	060W	4301334276	17451	Indian	Fee	OW	S
3-36-36 BTR	36	030S	060W	4301350398	17955	Indian	Fee	OW	S
7-10-36 BTR	10	030S	060W	4301350437	18052	Indian	Fee	OW	S
16-12D-46 BTR	12	040S	060W	4301350467	18051	Indian	Indian	OW	S
13H-13-46 BTR	13	040S	060W	4301350468	18208	Indian	Indian	OW	S
13-12-46 BTR	12	040S	060W	4301350469	18233	Indian	Indian	OW	S
14-8D-36 BTR	8	030S	060W	4301350612	18163	Indian	Fee	OW	S
14-7D-36 BTR	7	030S	060W	4301350613	18330	Indian	Fee	OW	S
16-9-36 BTR	9	030S	060W	4301350645	18078	Indian	Fee	OW	S
7-27-37 BTR	27	030S	070W	4301350647	18090	Indian	Fee	OW	S
16-12D-37 BTR	12	030S	070W	4301350785	18446	Indian	Fee	OW	S
14-21D-37 BTR	21	030S	070W	4301350859	18548	Indian	Fee	OW	S
10-18D-36 BTR	18	030S	060W	4301350915	18884	Indian	Fee	OW	S
5-27D-36	27	030S	060W	4301350917	18482	Indian	State	OW	S
10-36D-36 BTR	36	030S	060W	4301351005	18523	Indian	Fee	OW	S
14-6D-45 BTR	6	040S	050W	4301351158	18967	Indian	Indian	OW	S
5H-1-46 BTR UTELAND BUTTE	6	040S	050W	4301351215	18728	Indian	Indian	OW	S
5H-1-46 BTR WASATCH	6	040S	050W	4301351216	18727	Indian	Indian	OW	S
1-25D-36 BTR	25	030S	060W	4301351294	18798	Indian	Fee	OW	S
5-5D-35 BTR	5	030S	050W	4301351605	19055	Indian	Fee	OW	S
16-23-36 BTR	23	030S	060W	4301333971	17182	Indian	Fee	OW	TA
LC TRIBAL 14-23D-47	23	040S	070W	4301334022	18616	Indian	Indian	OW	TA
5-32D-36 BTR	32	030S	060W	4301350756	18328	Indian	Fee	OW	TA





October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

Attached please find the change of operation Form 9, Form 5's and Request to Transfer APD form changing the operator from Bill Barrett Corporation to RIG II, LLC, effective 11/1/2016. Badlands Energy – Utah, LLC will be a sub-operator.

**New Operator Contact information:**

RIG II, LLC  
1582 West 2600 South  
Woods Cross, Utah 84087-0298  
Telephone: (801) 683-4245  
Fax: (801) 298-9889

Upon reviewing the attached, please contact myself with any questions at 303-312-8115.

Sincerely,

Bill Barrett Corporation

Brady Riley  
Permit Analyst

**RECEIVED**  
OCT 21 2016  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
(see attached well list)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
(see attached well list)

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
RIG II, LLC N4055

3. ADDRESS OF OPERATOR:  
1582 West 2600 South CITY Wood Cross STATE UT ZIP 84087 PHONE NUMBER: (801) 683-4245

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: (see attached well list)

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 11/1/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

RIG II, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO RIG II, LLC BY BILL BARRETT CORPORATION EFFECTIVE 11/1/2016. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

RIG II, LLC  
1582 West 2600 South  
Woods Cross, Utah 84087-0298  
801-683-4245  
(STATE/FEE BOND # 9219529/ BLM BOND # UTB000712/ BIA BOND # LPM9224670)

BILL BARRETT CORPORATION N4165  
Duane Zavala NAME (PLEASE PRINT)  
Duane Zavala SIGNATURE  
Senior Vice President -  
EH&S, Government and Regulatory Affairs

RIG II, LLC  
Jesse McSwain NAME (PLEASE PRINT)  
Jesse McSwain SIGNATURE  
Manager

NAME (PLEASE PRINT) Jesse McSwain TITLE Manager  
SIGNATURE Jesse McSwain DATE 10/20/16

(This space for State use only)

APPROVED

NOV 07 2016

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

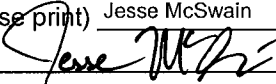
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

<b>Well name:</b>	(See attached list)
<b>API number:</b>	
<b>Location:</b>	Qtr-Qtr:                      Section:                      Township:                      Range:
<b>Company that filed original application:</b>	Bill Barrett Corporation
<b>Date original permit was issued:</b>	
<b>Company that permit was issued to:</b>	Bill Barrett Corporation

Check one	Desired Action:
	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	<b>Transfer approved Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <small>9219529-UDOGM / UTB000712-BLM / LPM9224670-BIA</small>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Jesse McSwain Title Manager  
Signature  Date 10/20/16  
Representing (company name) RIG II, LLC

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

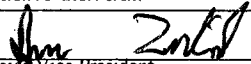
UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

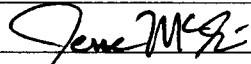
Well Name and Number <b>6-32-36 BTR SWD</b>	API Number <b>4301350921</b>
Location of Well  Footage : <b>1628 FNL 1553 FWL</b> County : <b>DUCHENSE</b>  QQ, Section, Township, Range: <b>SENW    32    3S    6W</b> State : <b>UTAH</b>	Field or Unit Name <b>CEDAR RIM</b>  Lease Designation and Number <b>2OG0005608</b>

**EFFECTIVE DATE OF TRANSFER:** 11/1/2016

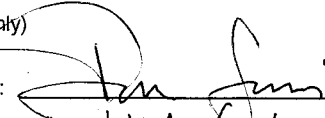
**CURRENT OPERATOR**

Company: <u>BILL BARRETT CORPORATION</u>	Name: <u>Duane Zavadii</u>
Address: <u>1099 18th Street Ste 2300</u>	Signature: <u></u>
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Senior Vice President -</u>
Phone: <u>(303) 293-9100</u>	Title: <u>EH&amp;S, Government and Regulatory Affairs</u>
Comments:	Date: <u>10/20/16</u>

**NEW OPERATOR**

Company: <u>RIG II, LLC</u>	Name: <u>Jesse McSwain</u>
Address: <u>1582 West 2600 South</u>	Signature: <u></u>
city <u>Wood Cross</u> state <u>UT</u> zip <u>84087</u>	Title: <u>Manager</u>
Phone: <u>(801) 683-4245</u>	Date: <u>10/20/16</u>
Comments:	

(This space for State use only)

Transfer approved by:   
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

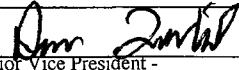
UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

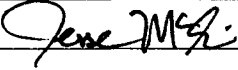
Well Name and Number <b>16-6D-46 BTR SWD</b>	API Number <b>4301350781</b>
Location of Well  Footage : <b>0200 FSL 0099 FEL</b> County : <b>DUCHESNE</b>  QQ, Section, Township, Range: <b>SESE    6    4S    6W</b> State : <b>UTAH</b>	Field or Unit Name <b>ALTAMONT</b>  Lease Designation and Number <b>2OG0005608</b>

**EFFECTIVE DATE OF TRANSFER:** 11/1/2016


**CURRENT OPERATOR**

Company: <u>BILL BARRETT CORPORATION</u>	Name: <u>Duane Zavadi</u>
Address: <u>1099 18th Street Ste 2300</u>	Signature: <u></u>
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Senior Vice President -</u>
Phone: <u>(303) 293-9100</u>	Title: <u>EH&amp;S, Government and Regulatory Affairs</u>
Comments:	Date: <u>10/20/16</u>

**NEW OPERATOR**

Company: <u>RIG II, LLC</u>	Name: <u>Jesse McSwain</u>
Address: <u>1582 West 2600 South</u>	Signature: <u></u>
city <u>Wood Cross</u> state <u>UT</u> zip <u>84087</u>	Title: <u>Manager</u>
Phone: <u>(801) 683-4245</u>	Date: <u>10/20/16</u>
Comments:	

(This space for State use only)

Transfer approved by:   
Title: VIC

Approval Date: 11/3/16

Comments:

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

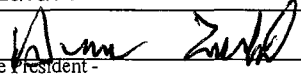
UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

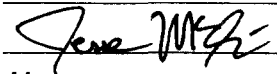
Well Name and Number <b>SWD 9-36 BTR</b>	API Number <b>4301350646</b>
Location of Well  Footage : <b>0539 FSL 0704 FEL</b>  County : <b>DUCHESNE</b>  QQ, Section, Township, Range: <b>SESE 9 3S 6W</b>  State : <b>UTAH</b>	Field or Unit Name <b>CEDAR RIM</b>  Lease Designation and Number <b>2OG0005608</b>

**EFFECTIVE DATE OF TRANSFER:** 11/1/2016

**CURRENT OPERATOR**

Company: <u>BILL BARRETT CORPORATION</u>	Name: <u>Duane Zavadi</u>
Address: <u>1099 18th Street Ste 2300</u>	Signature: <u></u>
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Senior Vice President - EH&amp;S, Government and Regulatory Affairs</u>
Phone: <u>(303) 293-9100</u>	Date: <u>10/20/16</u>
Comments:	

**NEW OPERATOR**

Company: <u>RIG II, LLC</u>	Name: <u>Jesse McSwain</u>
Address: <u>1582 West 2600 South</u>	Signature: <u></u>
city <u>Wood Cross</u> state <u>UT</u> zip <u>84087</u>	Title: <u>Manager</u>
Phone: <u>(801) 683-4245</u>	Date: <u>10/20/16</u>
Comments:	

(This space for State use only)

Transfer approved by: \_\_\_\_\_ Approval Date: \_\_\_\_\_

Title: \_\_\_\_\_

Comments:

*This well was approved by USEPA.  
EPA approval will be required.*